

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002864.D
 Acq On : 25 Jun 2018 17:11
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 05:23:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	302491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	409118	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	390227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	254644	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	207960	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	5.51	113	165006	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
50) Toluene-d8	8.72	98	619904	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
62) 4-Bromofluorobenzene	11.14	95	243846	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	129832	48.06	ug/l	98
3) Chloromethane	1.32	50	132532	47.20	ug/l	99
4) Vinyl Chloride	1.40	62	151752	44.36	ug/l	99
5) Bromomethane	1.64	94	76565	47.83	ug/l	98
6) Chloroethane	1.72	64	96738	48.12	ug/l	99
7) Trichlorofluoromethane	1.93	101	267821	46.41	ug/l	99
8) Diethyl Ether	2.19	74	96635	46.07	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	155061	46.38	ug/l	99
10) Methyl Iodide	2.51	142	158073	47.04	ug/l	99
11) Tert butyl alcohol	3.07	59	188765	226.64	ug/l	99
12) 1,1-Dichloroethene	2.37	96	135679	45.48	ug/l	97
13) Acrolein	2.29	56	98294	213.50	ug/l	99
14) Allyl chloride	2.73	41	273476	46.50	ug/l	99
15) Acrylonitrile	3.15	53	404791	227.53	ug/l	100
16) Acetone	2.45	43	413583	238.86	ug/l	99
17) Carbon Disulfide	2.57	76	352275	44.32	ug/l	99
18) Methyl Acetate	2.78	43	236611	48.88	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	506237	47.20	ug/l	99
20) Methylene Chloride	2.86	84	153880	45.67	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	147905	45.52	ug/l	98
22) Diisopropyl ether	3.87	45	532292	47.35	ug/l	97
23) Vinyl Acetate	3.82	43	2231500	234.44	ug/l	100
24) 1,1-Dichloroethane	3.70	63	283248	46.36	ug/l	99
25) 2-Butanone	4.71	43	604915	235.40	ug/l	98
26) 2,2-Dichloropropane	4.59	77	242087	48.73	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	169755	46.60	ug/l	94
28) Bromochloromethane	5.02	49	144875	49.54	ug/l	95
29) Tetrahydrofuran	5.17	42	376334	228.37	ug/l	98
30) Chloroform	5.21	83	293365	46.79	ug/l	98
31) Cyclohexane	5.57	56	248832	47.46	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	264383	47.92	ug/l	99
36) 1,1-Dichloropropene	5.80	75	216300	48.21	ug/l	99
37) Ethyl Acetate	4.86	43	230200	47.65	ug/l	100
38) Carbon Tetrachloride	5.78	117	237498	48.24	ug/l	100

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	260203	49.79	ug/l	97
40) Benzene	6.15	78	624652	47.92	ug/l	99
41) Methacrylonitrile	5.06	41	131912	47.42	ug/l	99
42) 1,2-Dichloroethane	6.20	62	244755	46.48	ug/l	100
43) Isopropyl Acetate	6.46	43	386484	47.70	ug/l	99
44) Trichloroethene	7.21	130	189025	48.64	ug/l	98
45) 1,2-Dichloropropane	7.52	63	165935	47.99	ug/l	98
46) Dibromomethane	7.67	93	113383	47.25	ug/l	97
47) Bromodichloromethane	7.90	83	219483	49.47	ug/l	99
48) Methyl methacrylate	7.78	41	202692	48.56	ug/l	98
49) 1,4-Dioxane	7.76	88	76689	944.26	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1237309	244.10	ug/l	99
52) Toluene	8.79	92	411488	49.27	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	257204	51.19	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	244443	50.56	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	167465	48.80	ug/l	98
56) Ethyl methacrylate	9.18	69	250785	50.00	ug/l	97
57) 1,3-Dichloropropane	9.37	76	271523	48.18	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	580562	239.95	ug/l	98
59) 2-Hexanone	9.50	43	967230	251.08	ug/l	98
60) Dibromochloromethane	9.59	129	182494	50.52	ug/l	100
61) 1,2-Dibromoethane	9.68	107	176603	49.06	ug/l	100
64) Tetrachloroethene	9.34	164	215107	49.57	ug/l	97
65) Chlorobenzene	10.14	112	481074	48.54	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	177831	49.39	ug/l	100
67) Ethyl Benzene	10.26	91	823882	50.32	ug/l	100
68) m/p-Xylenes	10.36	106	639838	101.40	ug/l	100
69) o-Xylene	10.70	106	311544	50.70	ug/l	99
70) Styrene	10.71	104	517439	51.83	ug/l	100
71) Bromoform	10.86	173	143802	44.66	ug/l	100
73) Isopropylbenzene	11.02	105	859453	50.17	ug/l	100
74) N-amyl acetate	6.46	43	386484	46.11	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	246678	46.75	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	294790	63.91	ug/l	79
77) Bromobenzene	11.26	156	236445	48.47	ug/l	97
78) n-propylbenzene	11.37	91	992813	50.92	ug/l	99
79) 2-Chlorotoluene	11.43	91	581709	49.27	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	730450	50.63	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	74515	47.08	ug/l	99
82) 4-Chlorotoluene	11.51	91	691506	49.48	ug/l	100
83) tert-Butylbenzene	11.77	119	717423	50.45	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	754272	50.46	ug/l	99
85) sec-Butylbenzene	11.95	105	879325	50.98	ug/l	100
86) p-Isopropyltoluene	12.07	119	814796	52.54	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	441854	49.59	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	445505	48.59	ug/l	99
89) n-Butylbenzene	12.39	91	718896	53.26	ug/l	99
90) Hexachloroethane	12.60	117	121287	52.58	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	436465	48.53	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	57222	48.24	ug/l	98

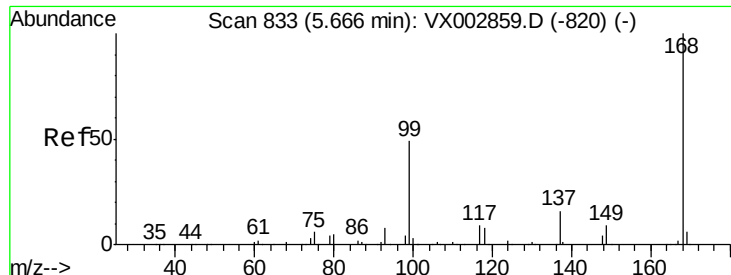
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062518\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	340791	52.07	ug/l	99
94) Hexachlorobutadiene	13.79	225	172648	52.89	ug/l	99
95) Naphthalene	13.84	128	885819	50.82	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	336167	51.42	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

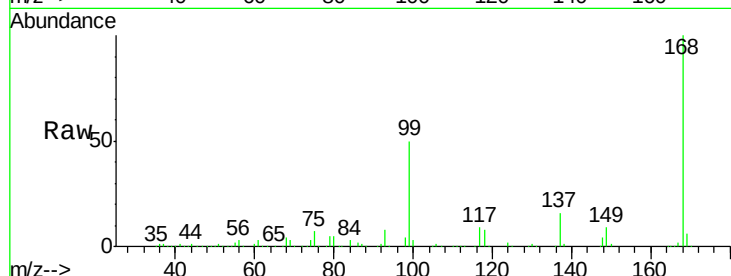
ClientSampled :

Tot Ion:168 Resp: 302491

Ion Ratio Lower Upper

168 100

99 50.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

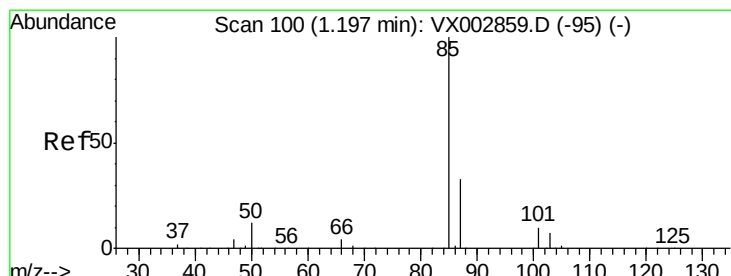
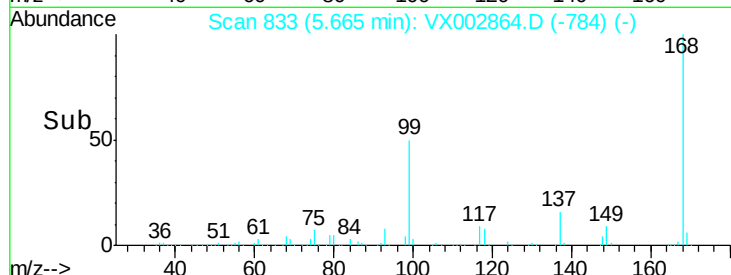
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.06 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002864.D

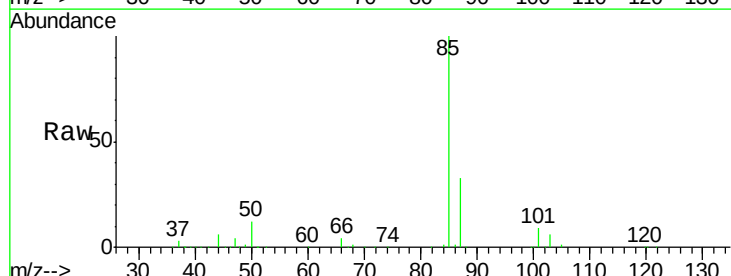
Acq: 25 Jun 2018 17:11

Tgt Ion: 85 Resp: 129832

Ion Ratio Lower Upper

85 100

87 33.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

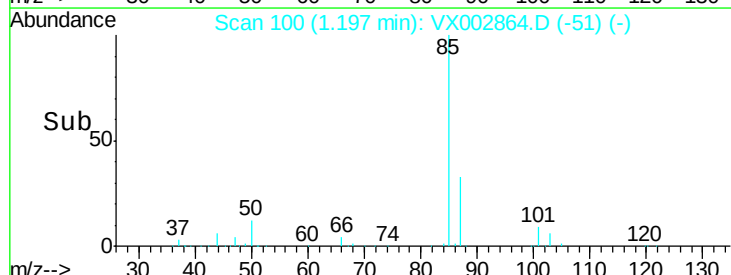
100000

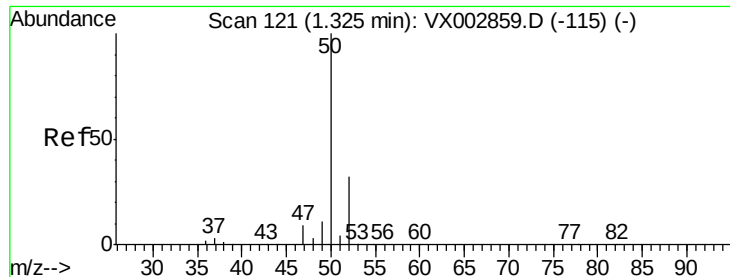
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 47.20 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

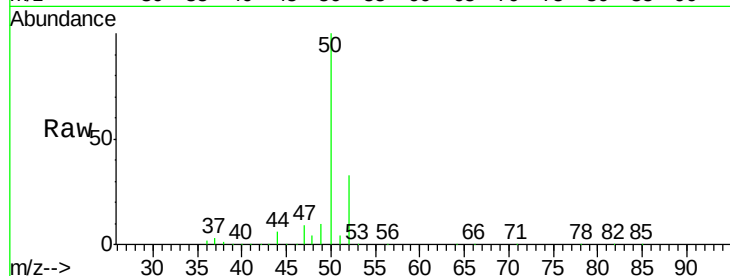
ClientSampled :

Tot Ion: 50 Resp: 132532

Ion Ratio Lower Upper

50 100

52 32.9 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

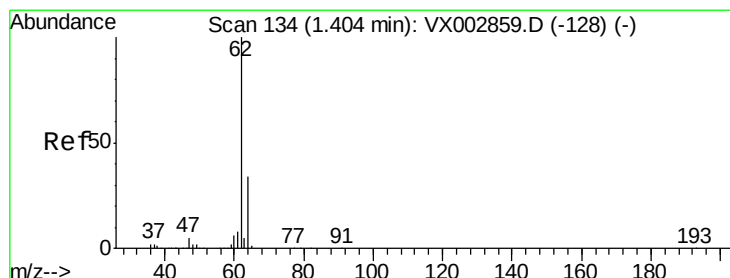
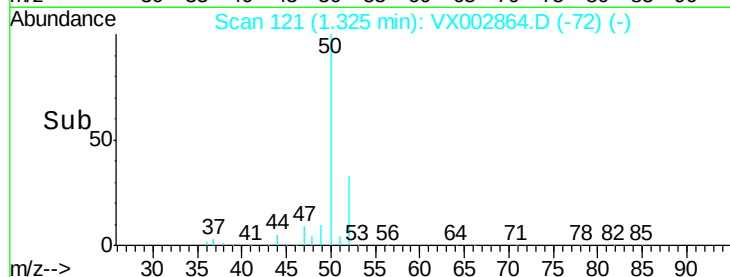
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 44.36 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002864.D

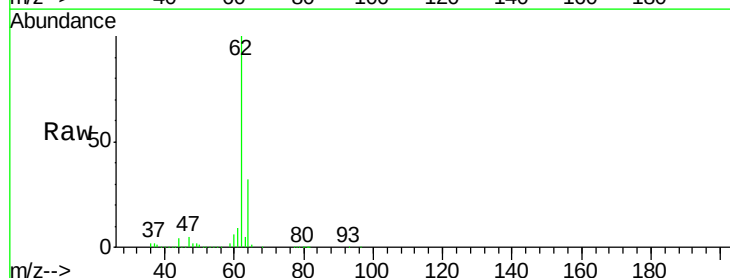
Acq: 25 Jun 2018 17:11

Tgt Ion: 62 Resp: 151752

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

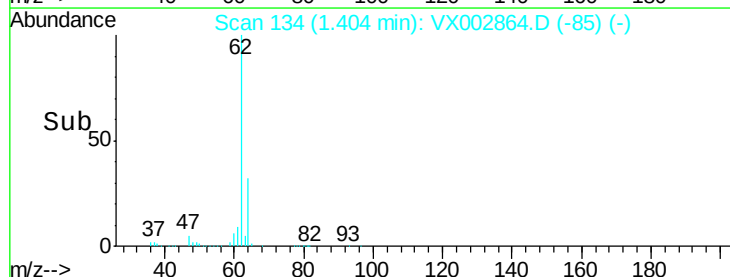
150000

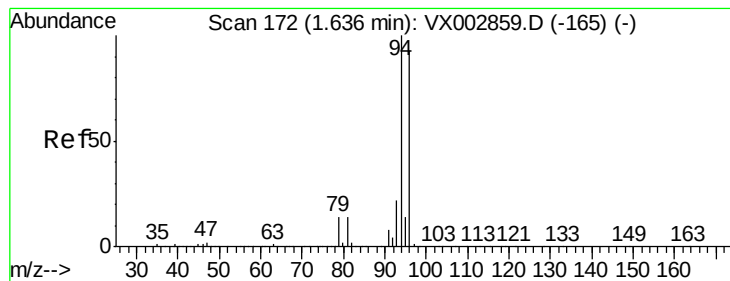
100000

50000

0

Time-->





#5

Bromomethane

Concen: 47.83 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

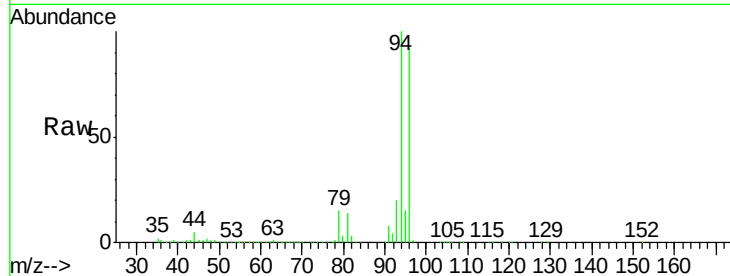
ClientSampled :

Tot Ion: 94 Resp: 76565

Ion Ratio Lower Upper

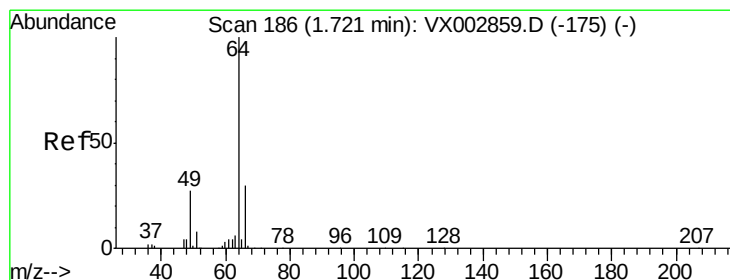
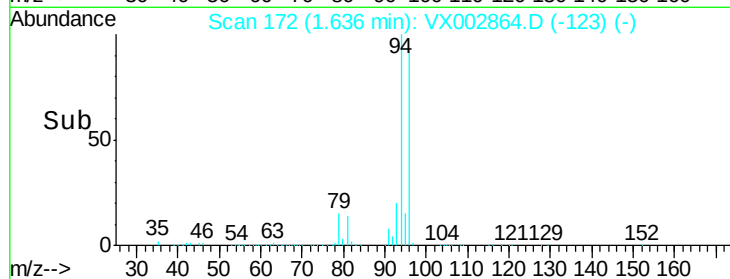
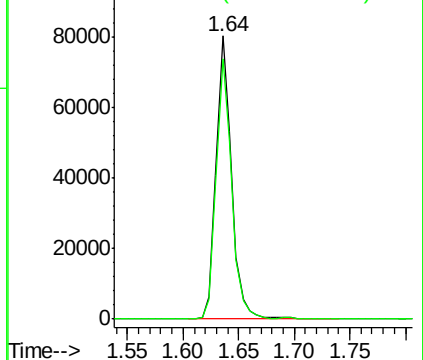
94 100

96 91.8 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.12 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002864.D

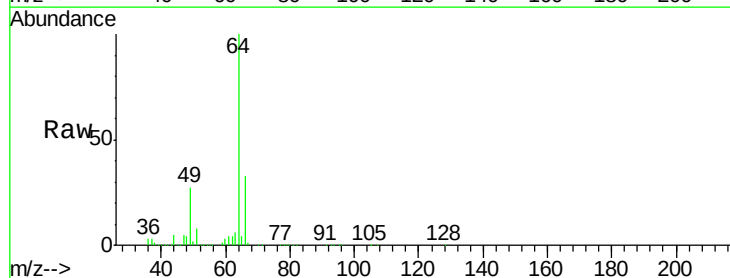
Acq: 25 Jun 2018 17:11

Tgt Ion: 64 Resp: 96738

Ion Ratio Lower Upper

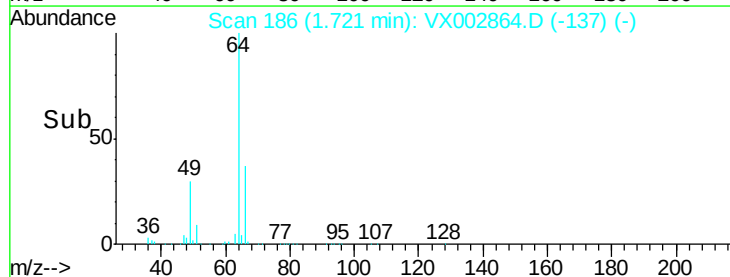
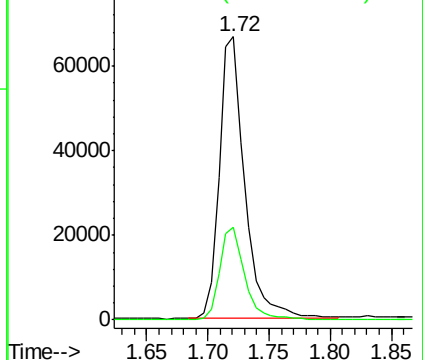
64 100

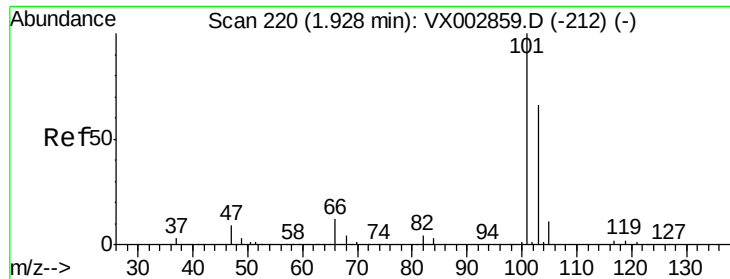
66 32.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



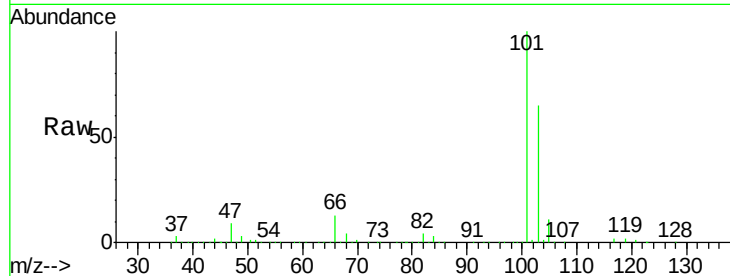


#7

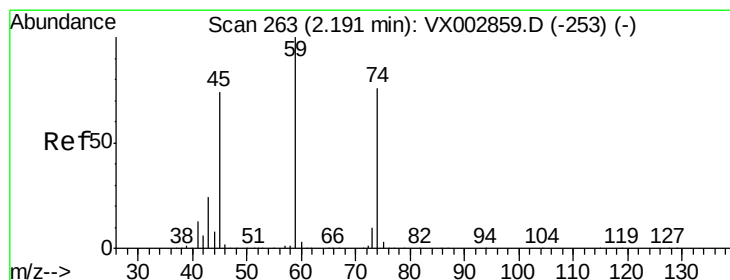
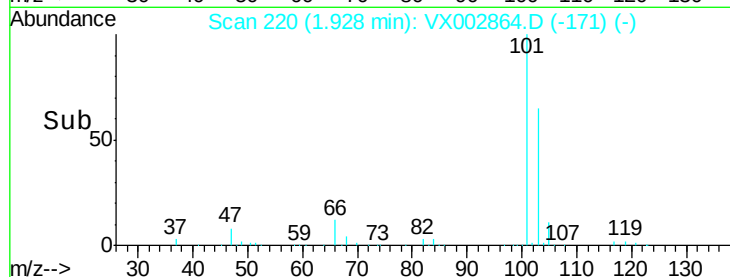
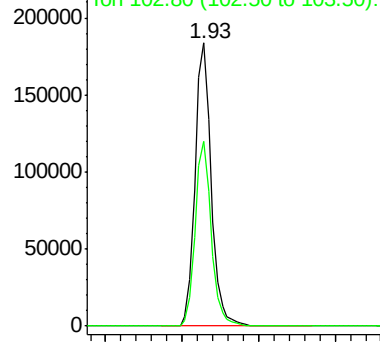
Trichlorofluoromethane
Concen: 46.41 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 267821
Ion Ratio Lower Upper
101 100
103 65.1 52.8 79.2



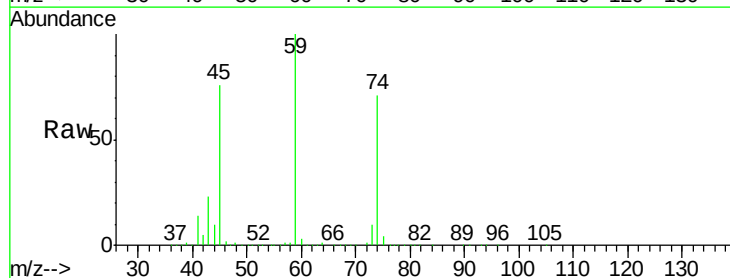
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



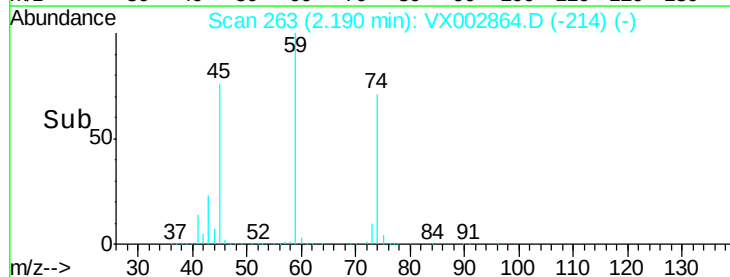
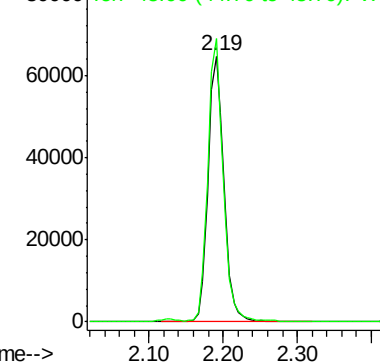
#8

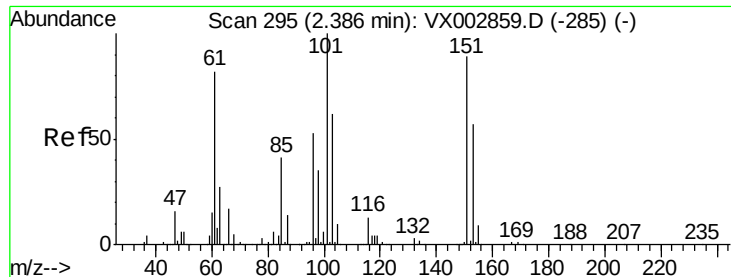
Diethyl Ether
Concen: 46.07 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion: 74 Resp: 96635
Ion Ratio Lower Upper
74 100
45 102.9 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.38 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampled :

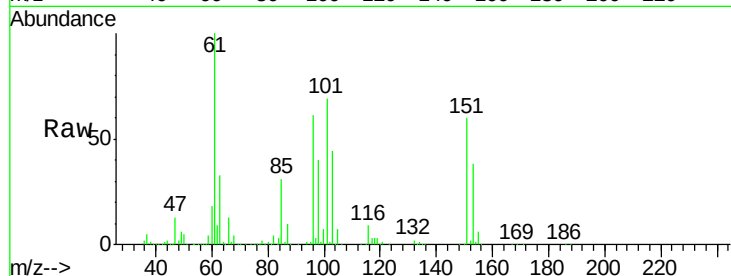
Tot Ion:101 Resp: 155061

Ion Ratio Lower Upper

101 100

85 44.8 36.0 54.0

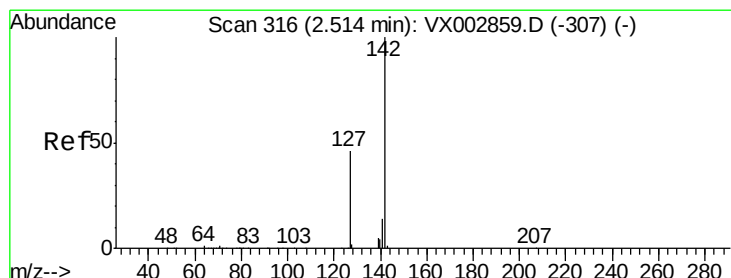
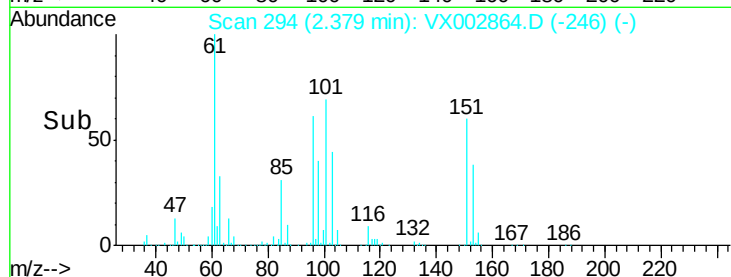
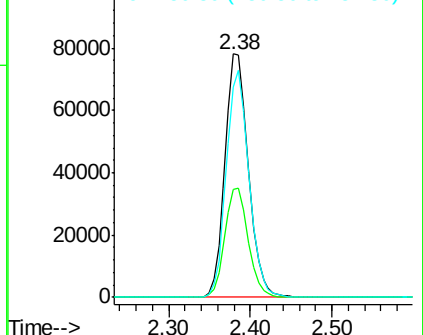
151 90.0 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.04 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

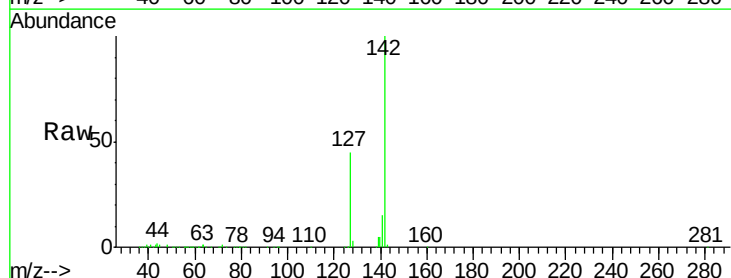
Tgt Ion:142 Resp: 158073

Ion Ratio Lower Upper

142 100

127 45.5 36.6 55.0

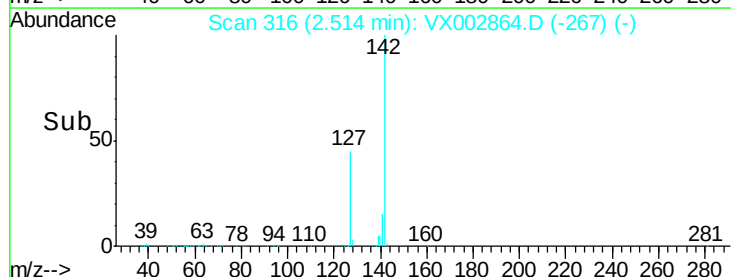
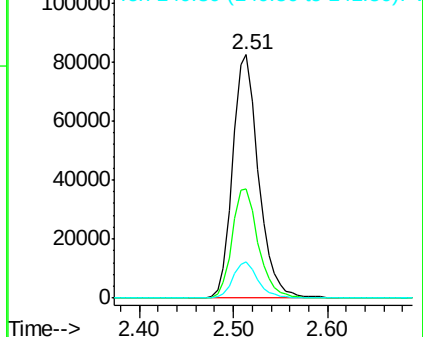
141 14.5 11.3 16.9

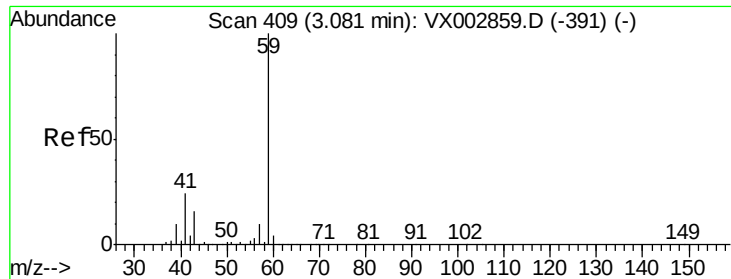


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

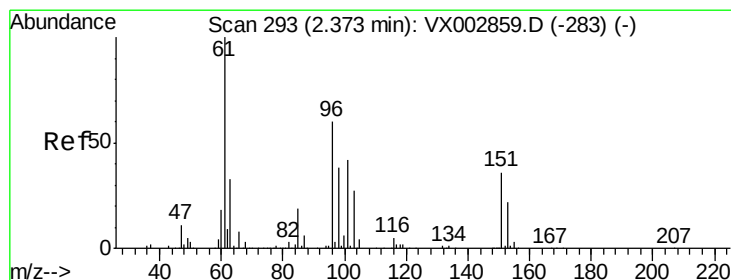
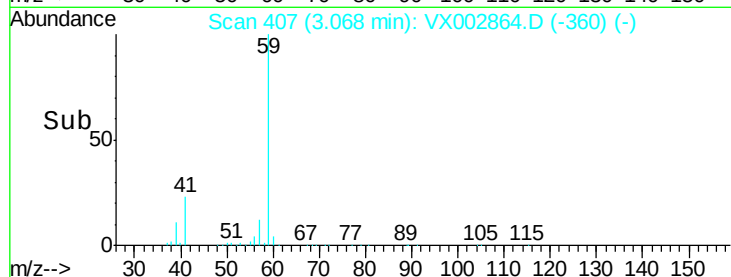
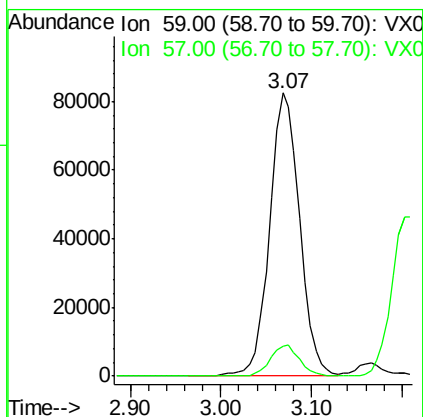
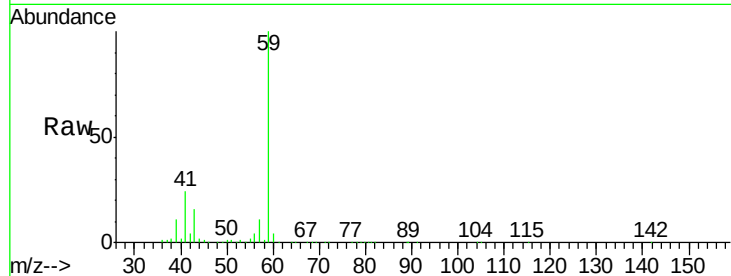




#11
Tert butyl alcohol
Concen: 226.64 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

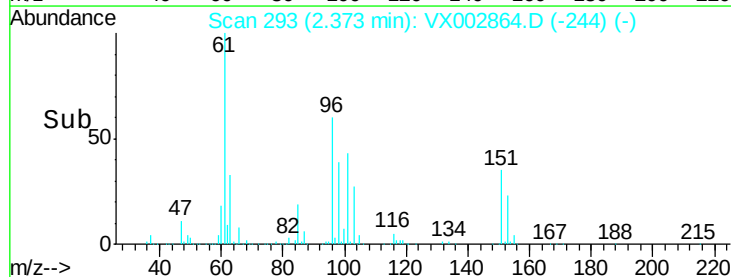
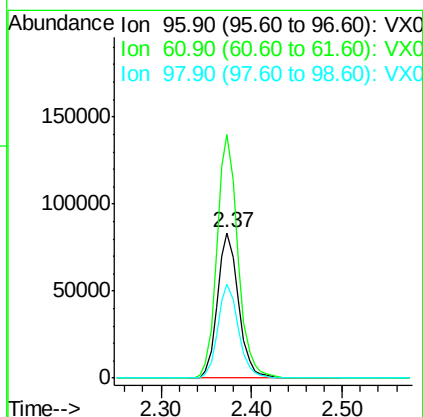
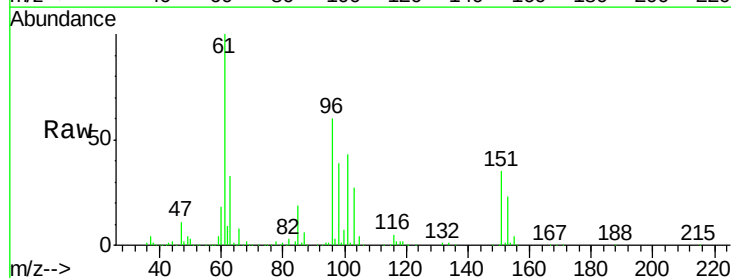
Instrument :
MSVOA_X
ClientSampleId :

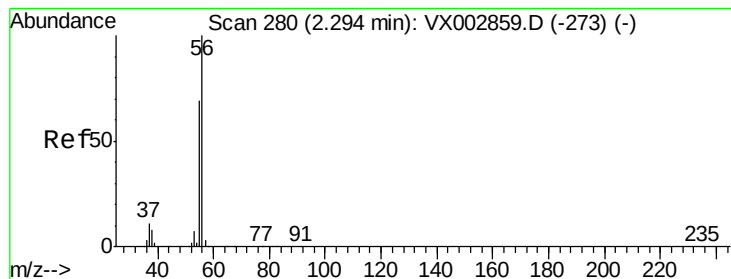
Tot Ion: 59 Resp: 188765
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.2



#12
1,1-Dichloroethene
Concen: 45.48 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion: 96 Resp: 135679
Ion Ratio Lower Upper
96 100
61 167.7 137.9 206.9
98 64.7 51.6 77.4





#13

Acrolein

Concen: 213.50 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

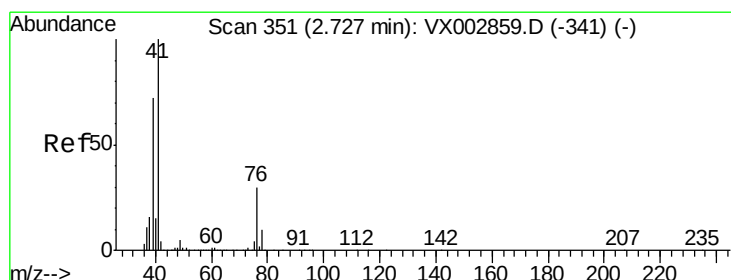
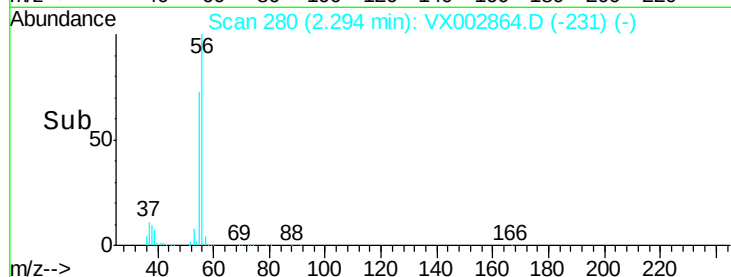
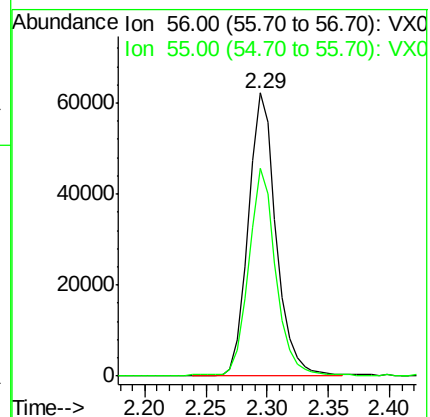
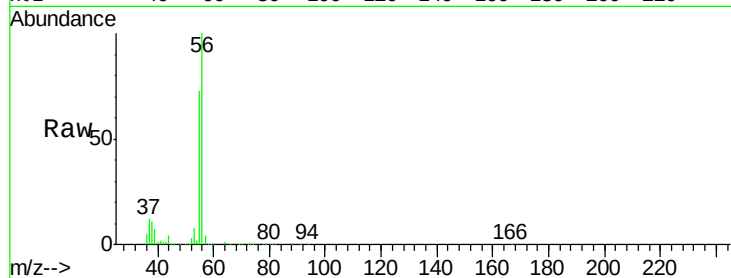
ClientSampleId :

Tot Ion: 56 Resp: 98294

Ion Ratio Lower Upper

56 100

55 71.9 57.0 85.4



#14

Allyl chloride

Concen: 46.50 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

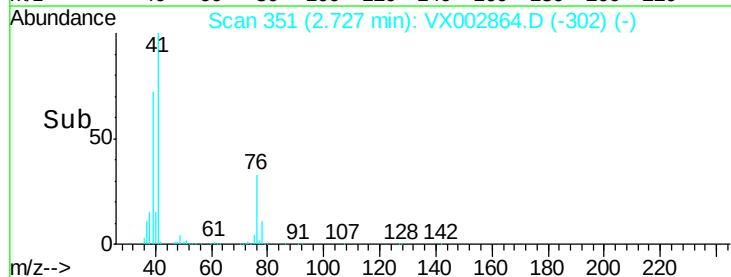
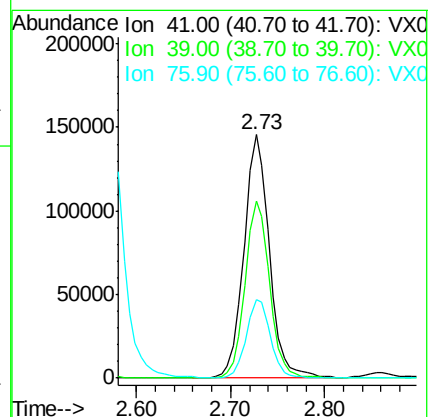
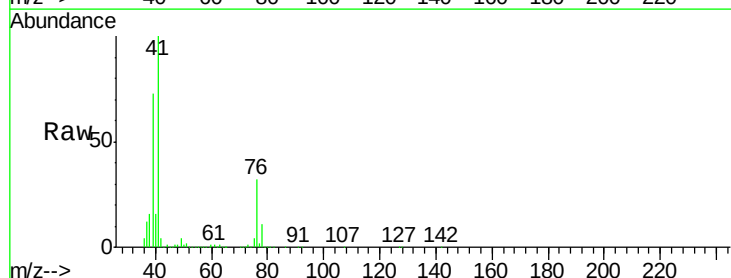
Tgt Ion: 41 Resp: 273476

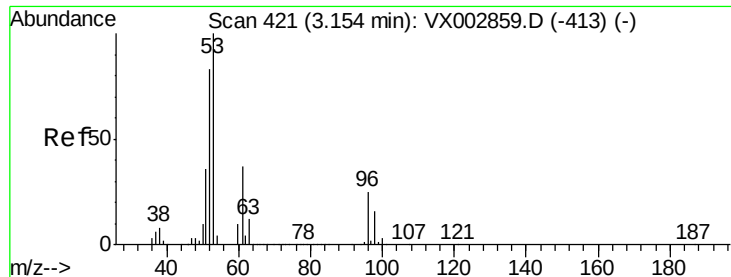
Ion Ratio Lower Upper

41 100

39 70.1 56.8 85.2

76 30.9 23.8 35.8





#15

Acrylonitrile

Concen: 227.53 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

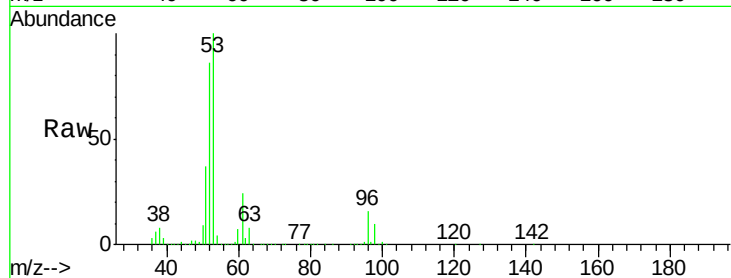
Tot Ion: 53 Resp: 404791

Ion Ratio Lower Upper

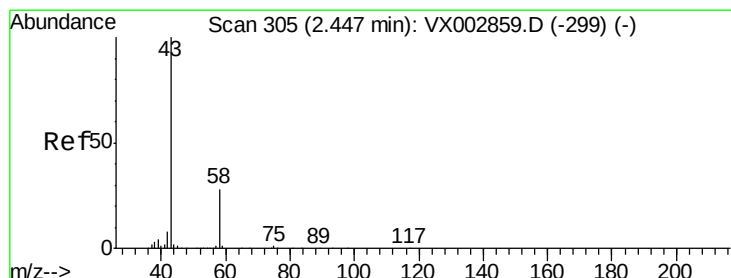
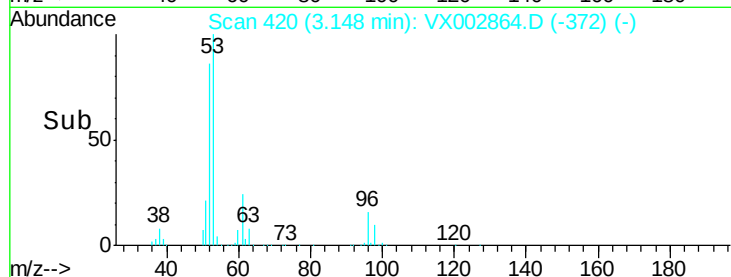
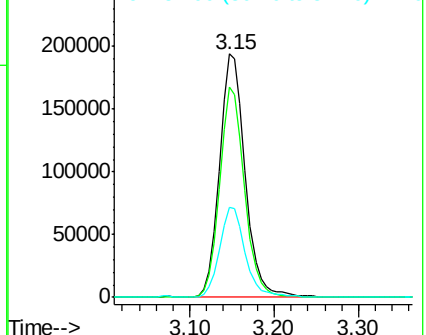
53 100

52 83.9 66.7 100.1

51 37.3 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 238.86 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002864.D

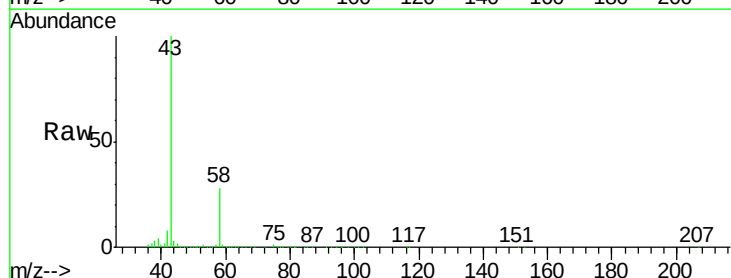
Acq: 25 Jun 2018 17:11

Tgt Ion: 43 Resp: 413583

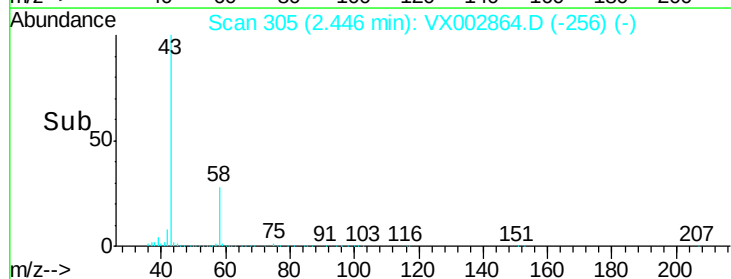
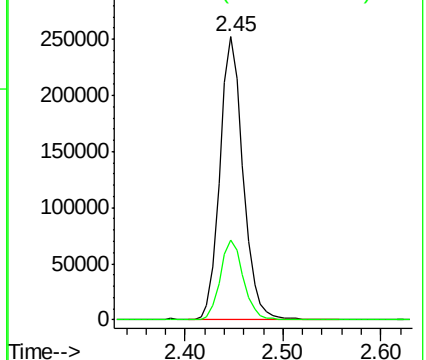
Ion Ratio Lower Upper

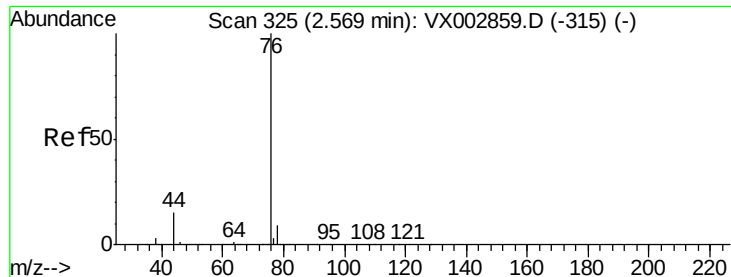
43 100

58 28.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 44.32 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

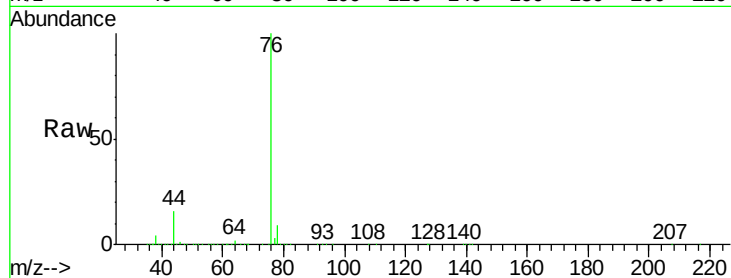
ClientSampled :

Tot Ion: 76 Resp: 352275

Ion Ratio Lower Upper

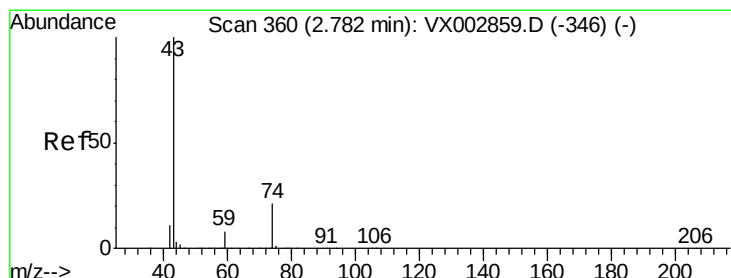
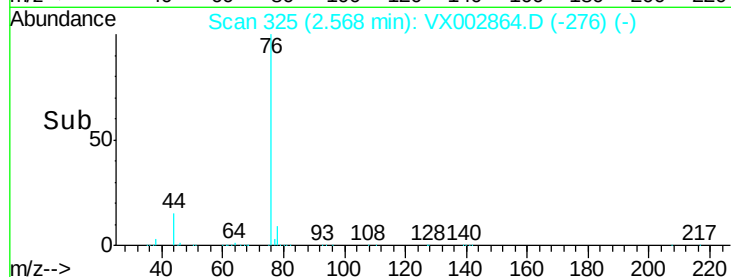
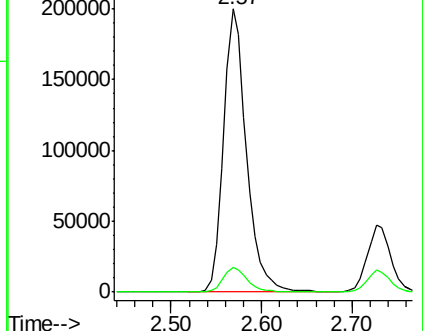
76 100

78 8.9 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 48.88 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX002864.D

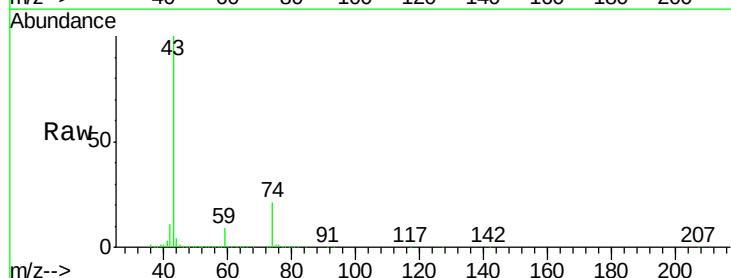
Acq: 25 Jun 2018 17:11

Tgt Ion: 43 Resp: 236611

Ion Ratio Lower Upper

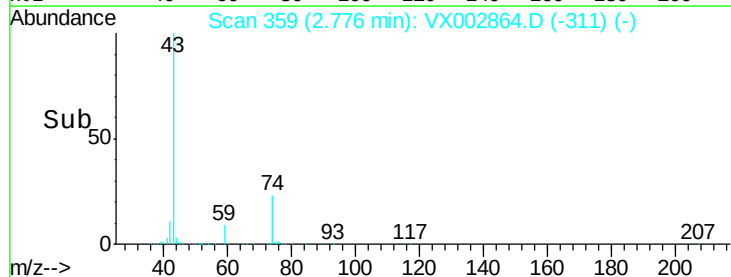
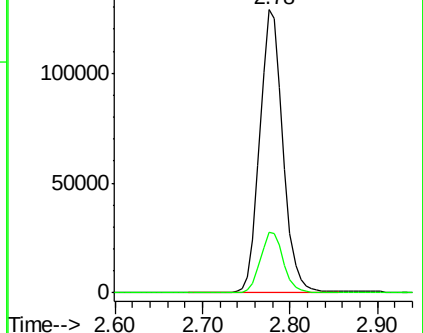
43 100

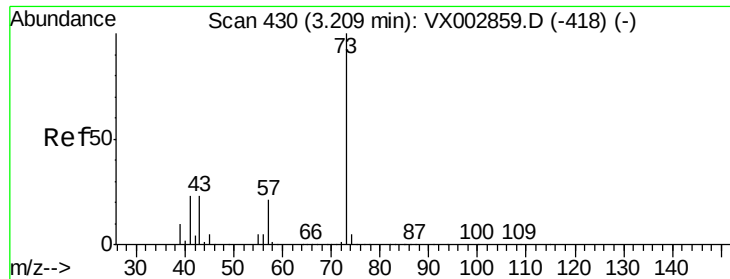
74 22.0 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

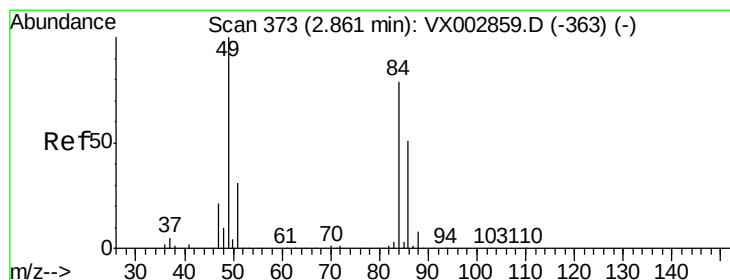
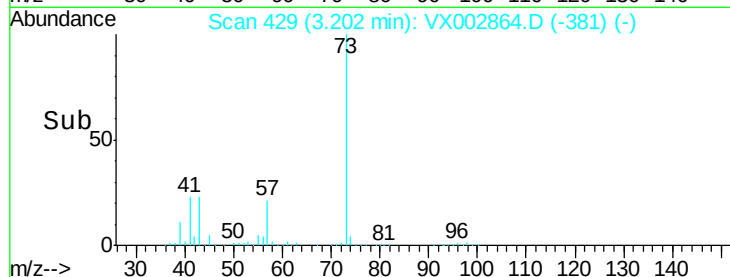
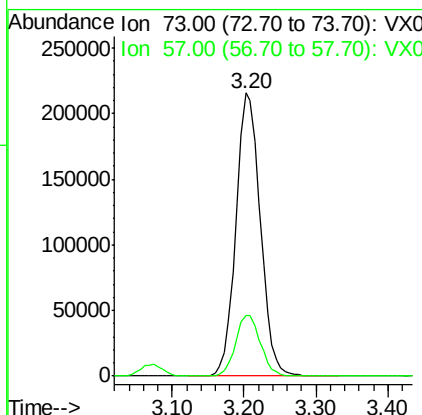
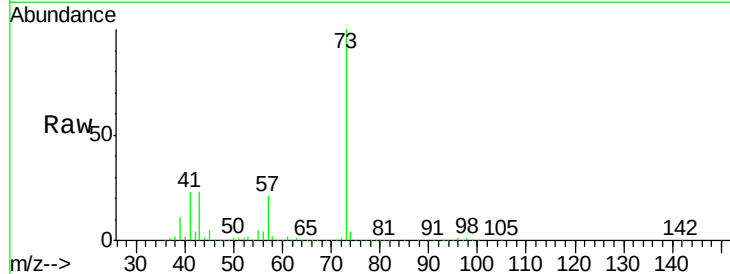




#19
Methyl tert-butyl Ether
Concen: 47.20 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

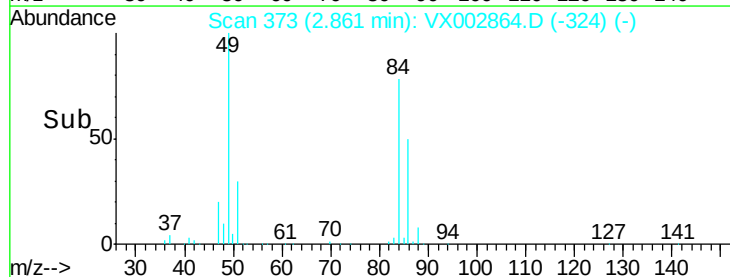
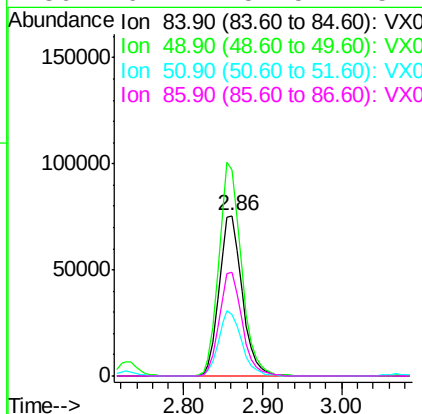
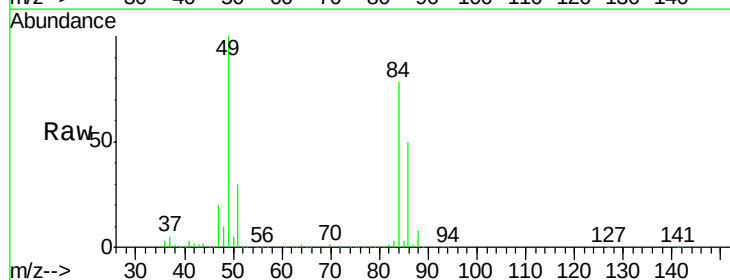
Instrument :
MSVOA_X
ClientSampled :

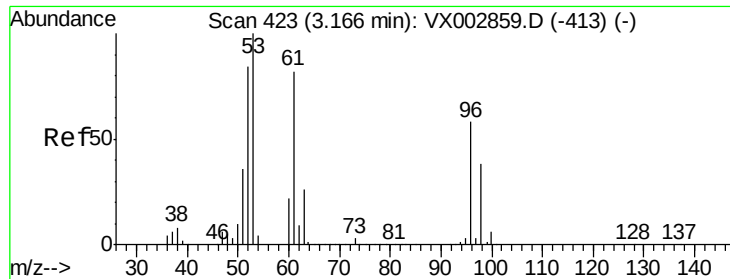
Tot Ion: 73 Resp: 506237
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5



#20
Methylene Chloride
Concen: 45.67 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion: 84 Resp: 153880
Ion Ratio Lower Upper
84 100
49 128.3 107.8 161.6
51 38.5 32.8 49.2
86 64.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 45.52 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampled :

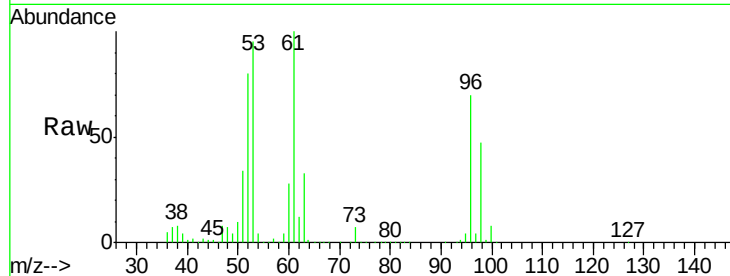
Tot Ion: 96 Resp: 147905

Ion Ratio Lower Upper

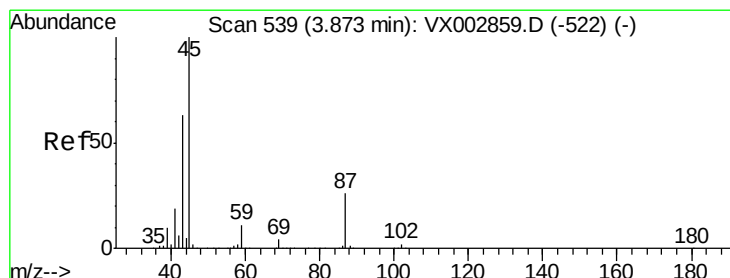
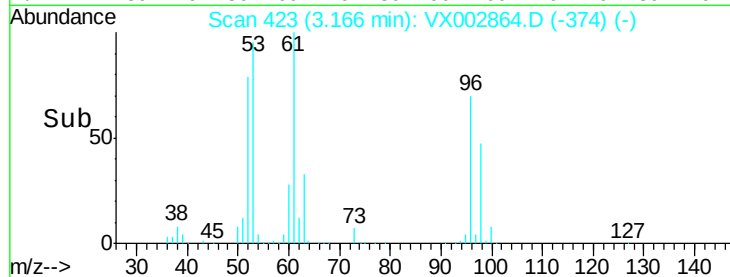
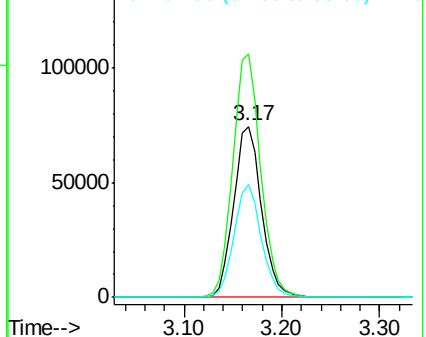
96 100

61 142.3 117.0 175.4

98 66.2 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 47.35 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Tgt Ion: 45 Resp: 532292

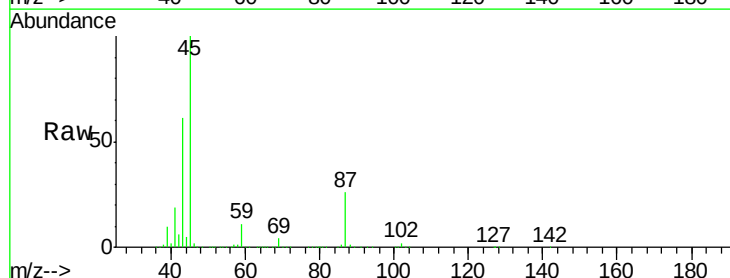
Ion Ratio Lower Upper

45 100

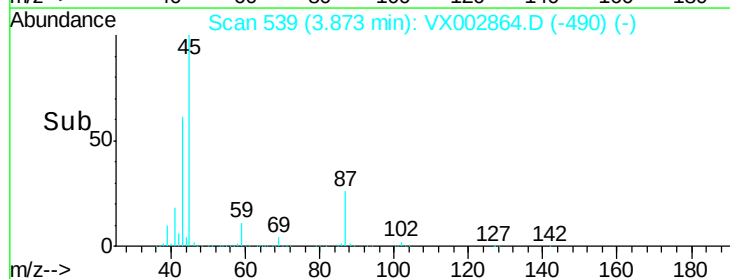
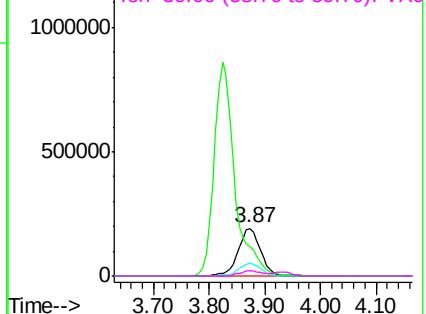
43 61.2 46.8 70.2

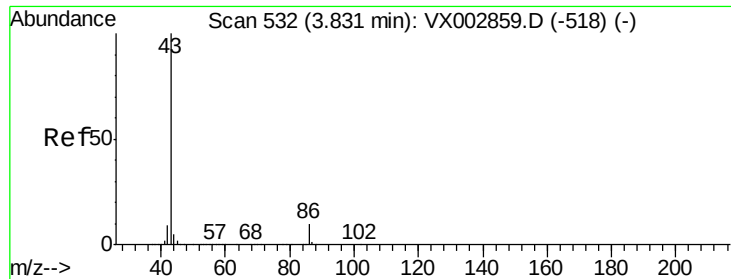
87 26.4 20.2 30.4

59 10.8 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 234.44 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

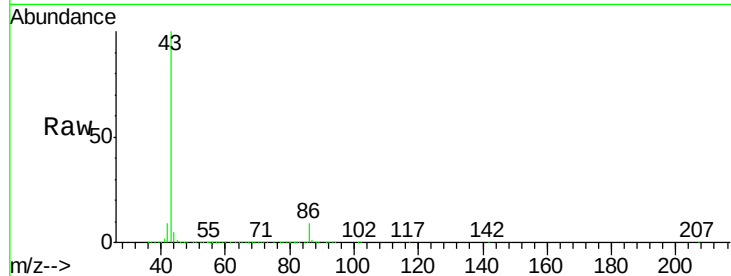
ClientSampleId :

Tot Ion: 43 Resp: 2231500

Ion Ratio Lower Upper

43 100

86 9.3 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

800000

600000

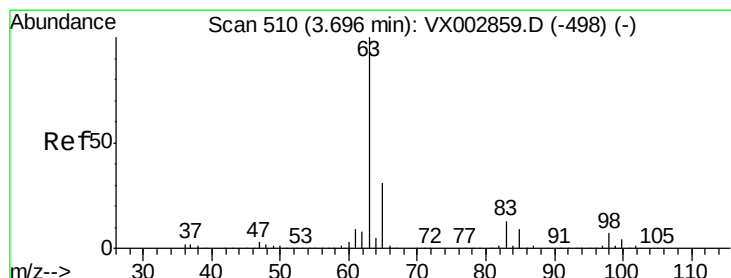
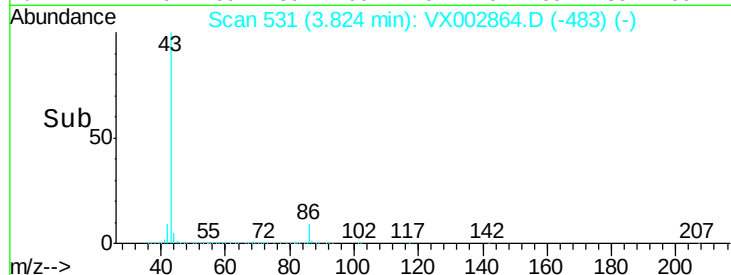
400000

200000

0

Time-->

3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 46.36 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

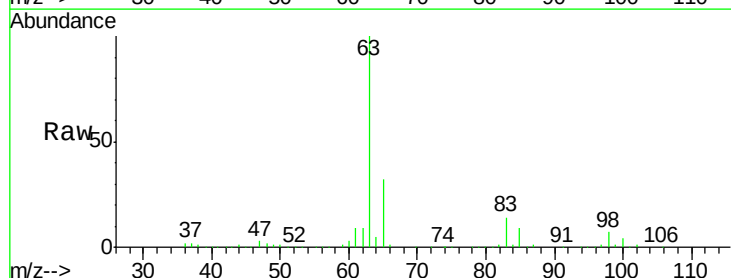
Tgt Ion: 63 Resp: 283248

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.1 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

150000

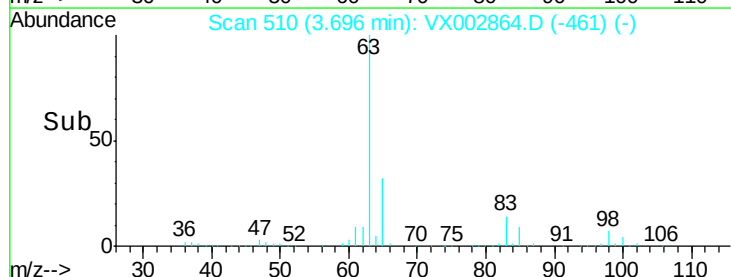
100000

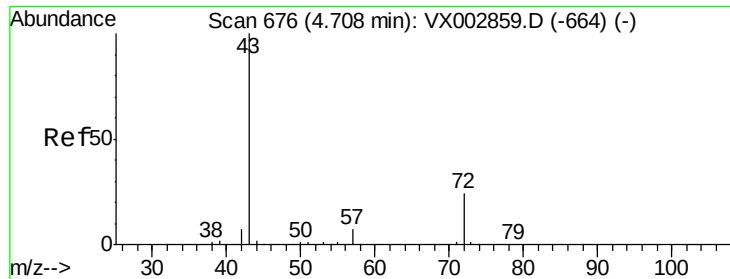
50000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 235.40 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

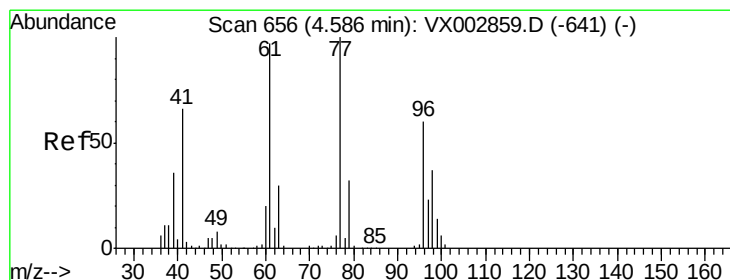
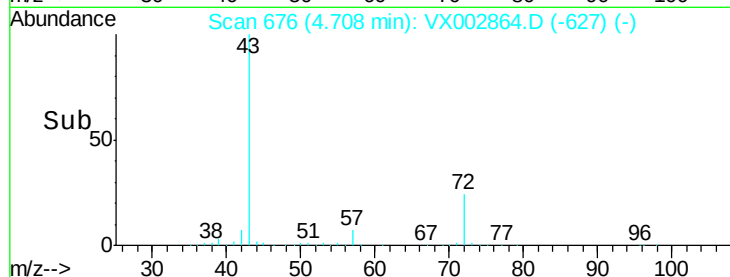
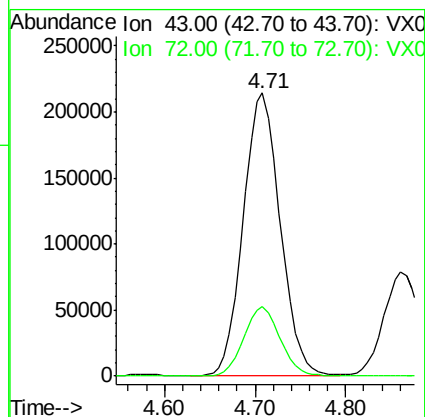
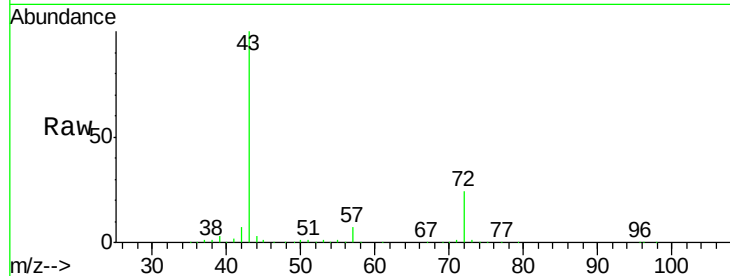
ClientSampled :

Tot Ion: 43 Resp: 604915

Ion Ratio Lower Upper

43 100

72 24.3 18.5 27.7



#26

2,2-Dichloropropane

Concen: 48.73 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002864.D

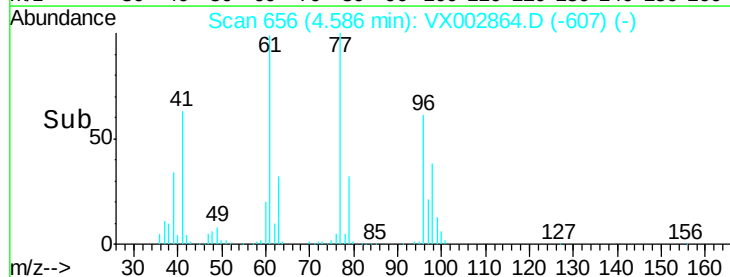
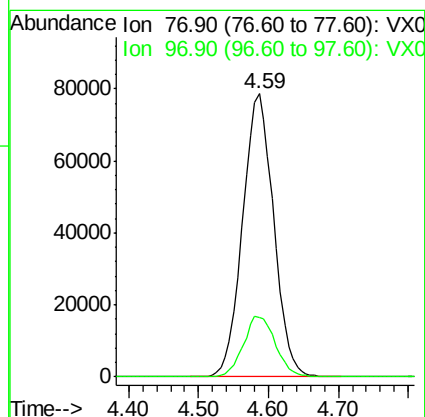
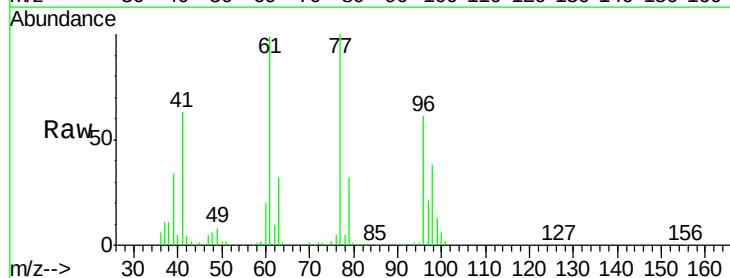
Acq: 25 Jun 2018 17:11

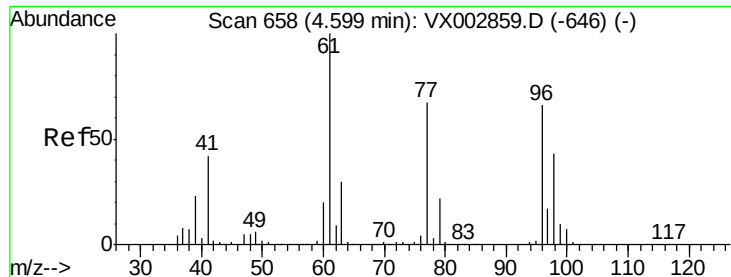
Tgt Ion: 77 Resp: 242087

Ion Ratio Lower Upper

77 100

97 22.2 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 46.60 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

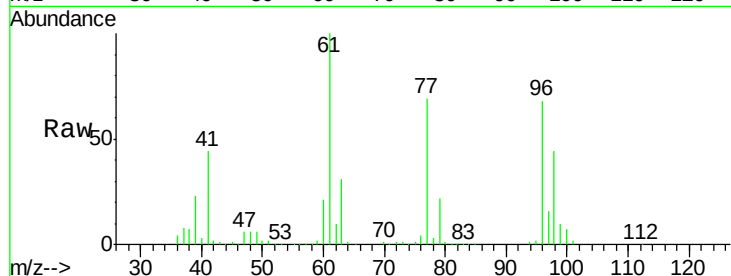
Tot Ion: 96 Resp: 169755

Ion Ratio Lower Upper

96 100

61 153.6 0.0 330.2

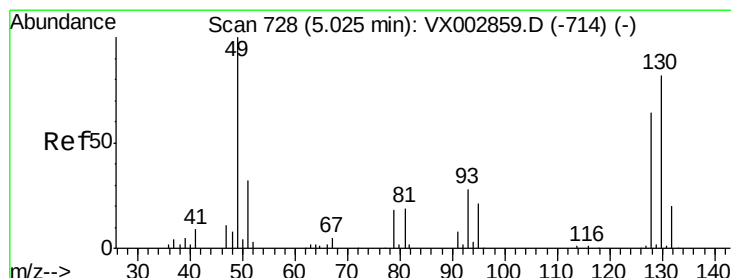
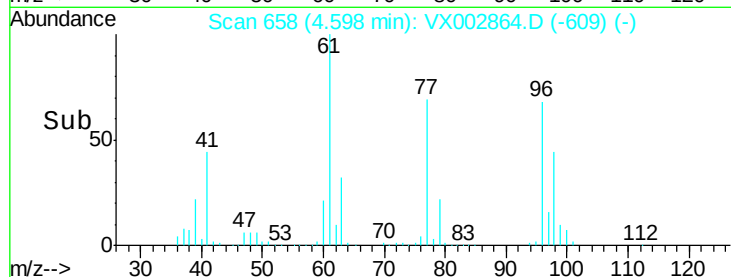
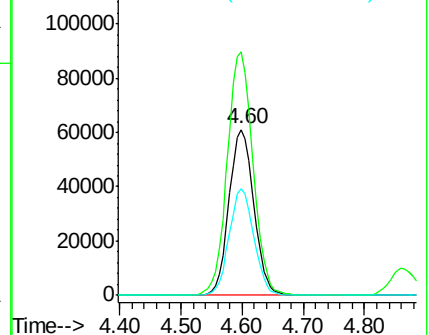
98 64.4 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 49.54 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

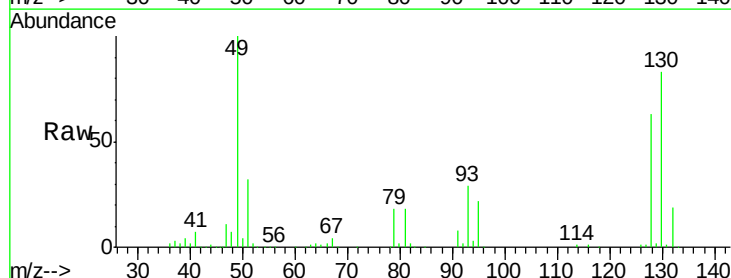
Tgt Ion: 49 Resp: 144875

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

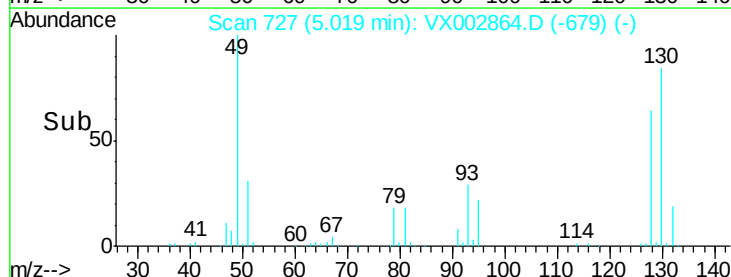
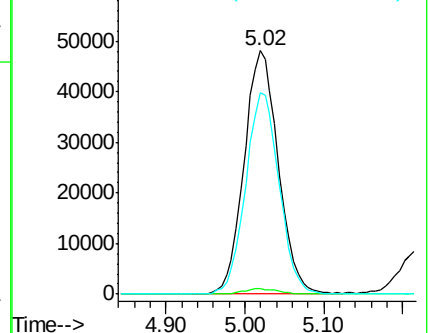
130 81.4 61.2 91.8

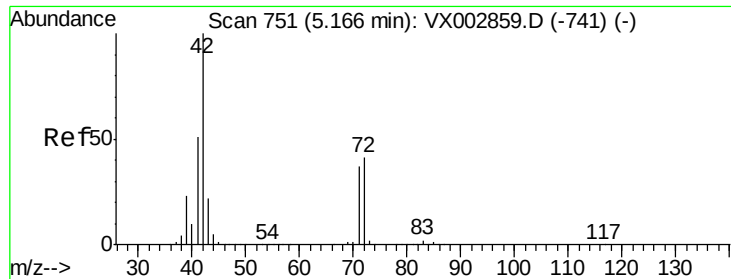


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

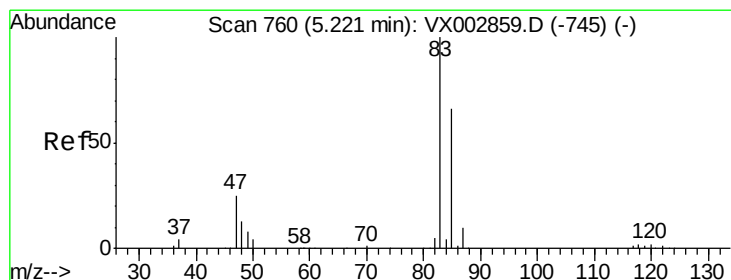
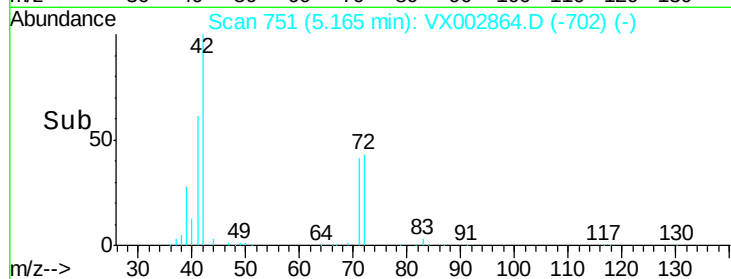
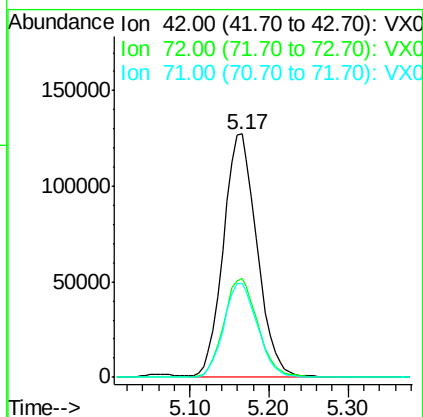
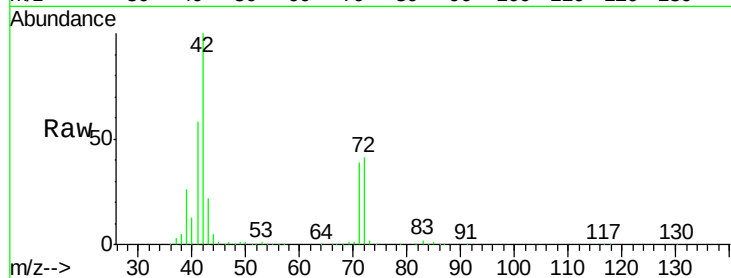




#29
Tetrahydrofuran
Concen: 228.37 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

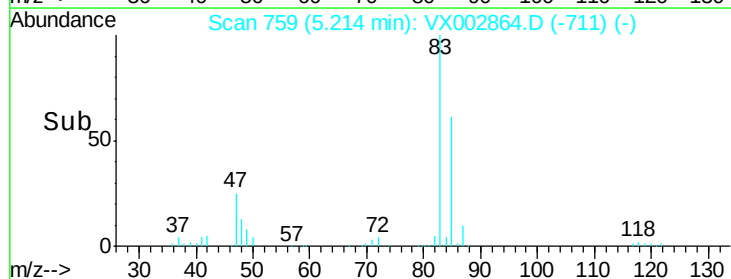
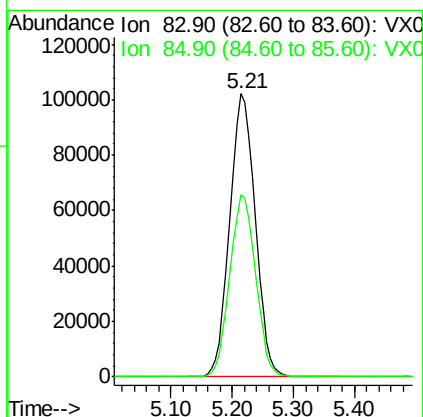
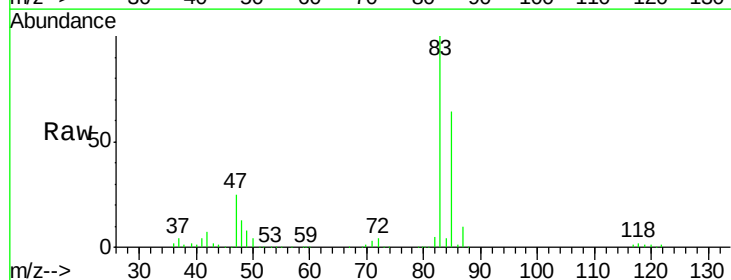
Instrument :
MSVOA_X
ClientSampleId :

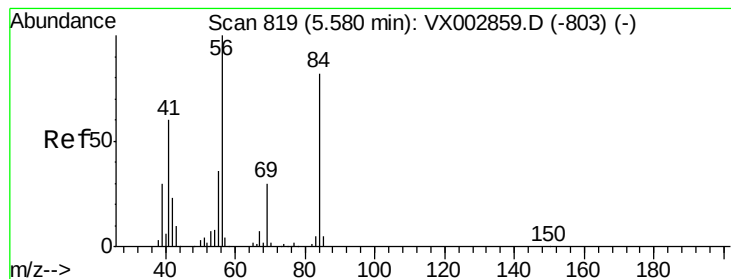
Tot Ion: 42 Resp: 376334
Ion Ratio Lower Upper
42 100
72 41.6 32.0 48.0
71 39.0 30.1 45.1



#30
Chloroform
Concen: 46.79 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion: 83 Resp: 293365
Ion Ratio Lower Upper
83 100
85 64.4 50.4 75.6





#31

Cyclohexane

Concen: 47.46 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampled :

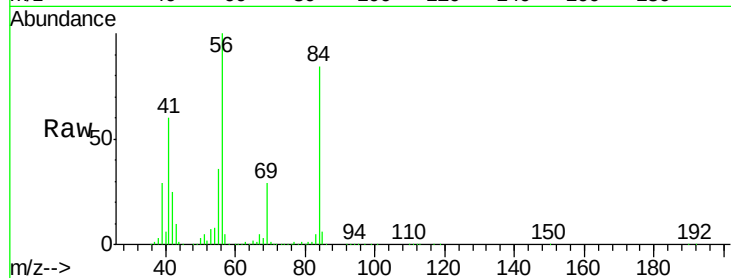
Tot Ion: 56 Resp: 248832

Ion Ratio Lower Upper

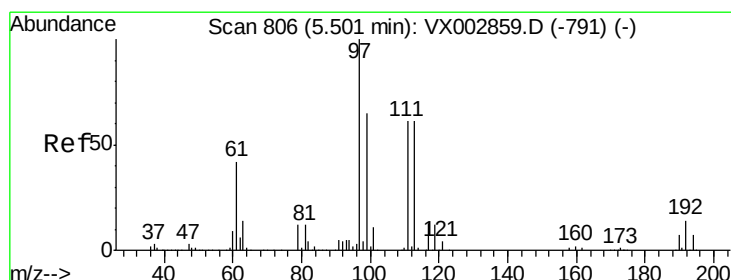
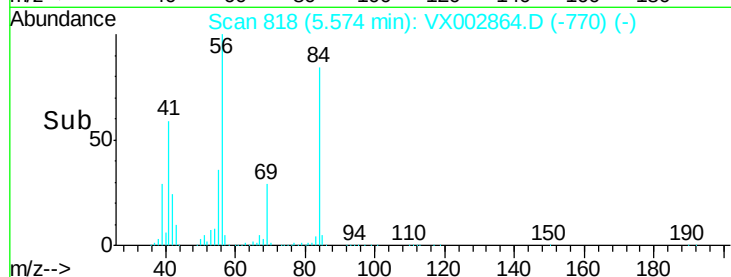
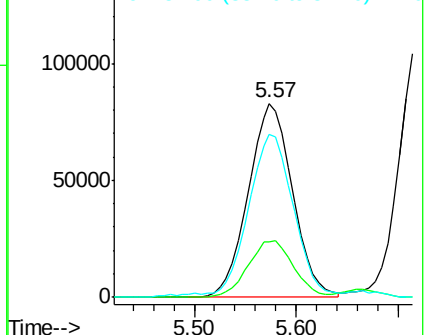
56 100

69 28.8 23.7 35.5

84 82.5 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 47.92 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

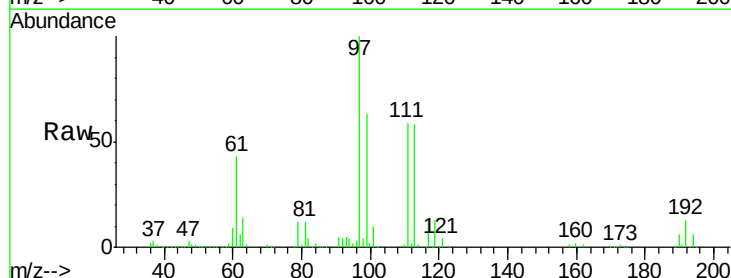
Tgt Ion: 97 Resp: 264383

Ion Ratio Lower Upper

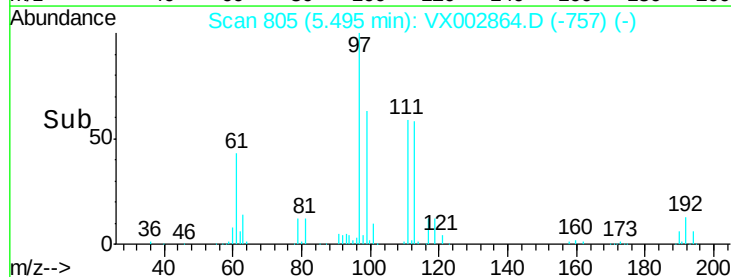
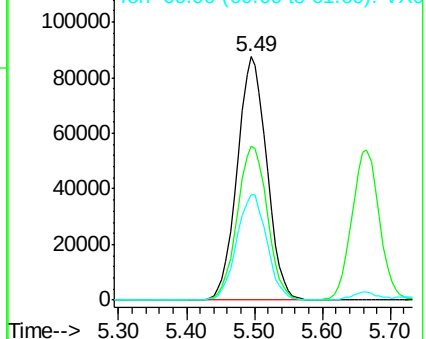
97 100

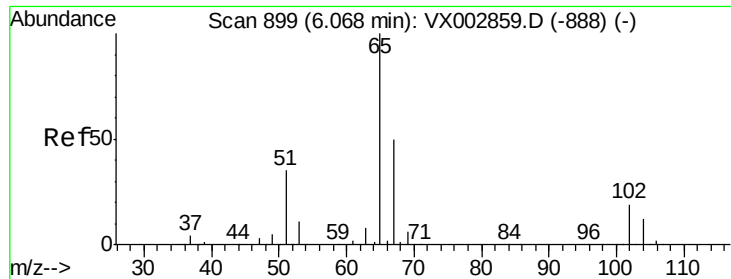
99 64.5 51.6 77.4

61 44.4 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

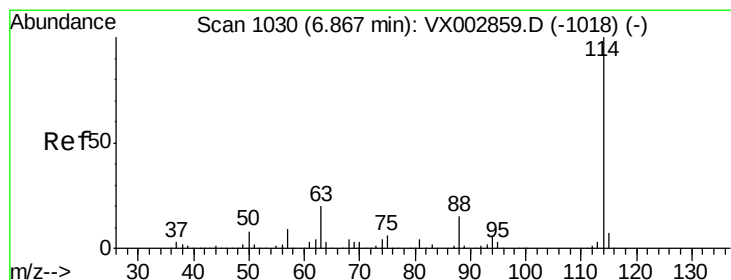
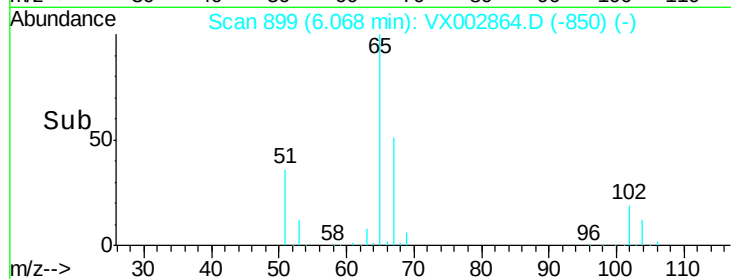
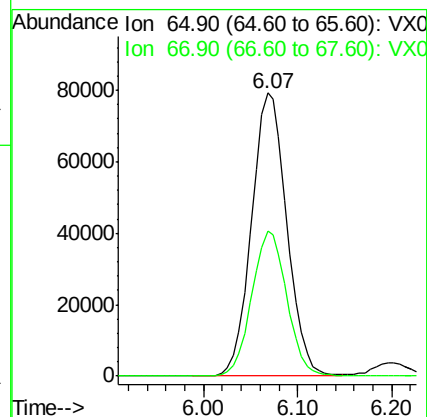
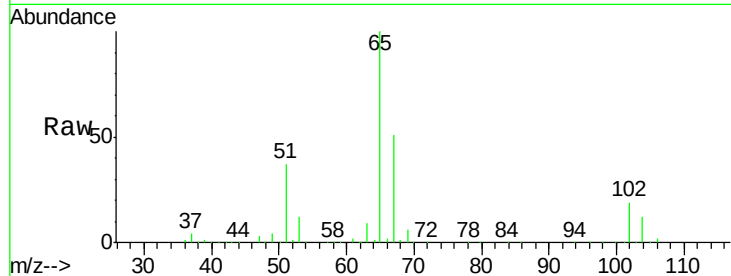




#33
 1,2-Dichloroethane-d4
 Concen: 49.74 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

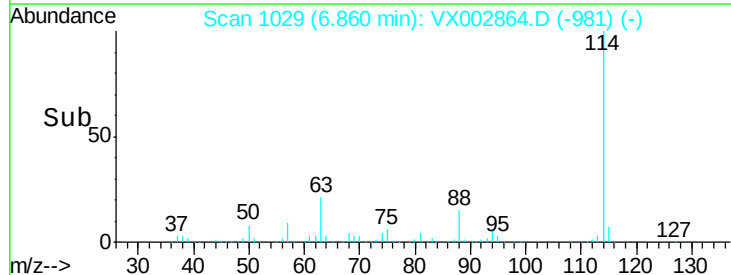
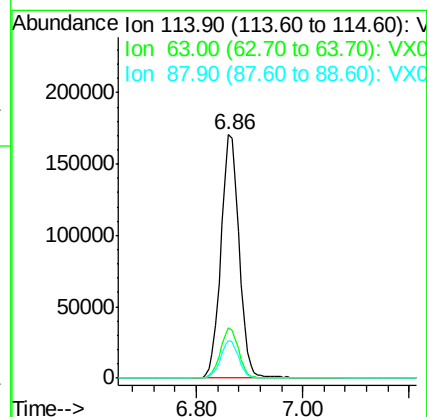
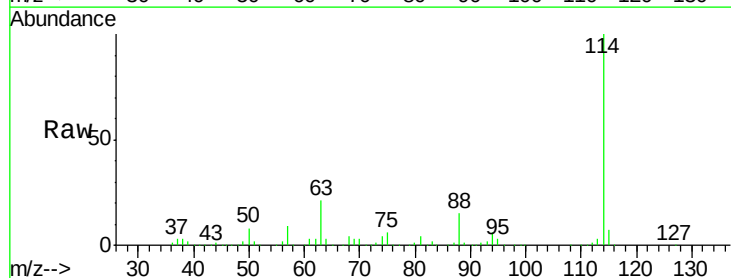
Instrument :
 MSVOA_X
 ClientSampleId :

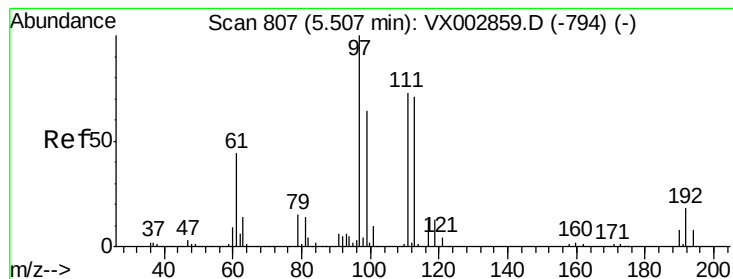
Tot Ion: 65 Resp: 207960
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

Tgt Ion: 114 Resp: 409118
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.4
 88 15.3 0.0 30.0





#35

Dibromofluoromethane

Concen: 50.93 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :
MSVOA_X
ClientSampleId :

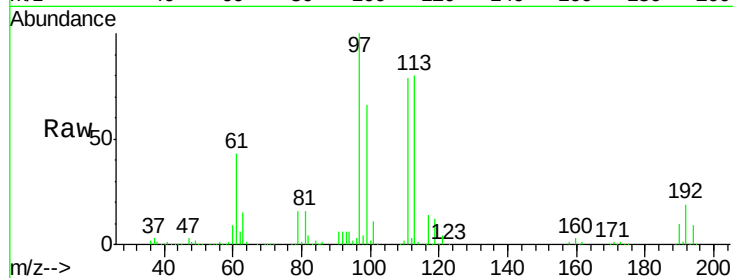
Tot Ion:113 Resp: 165006

Ion Ratio Lower Upper

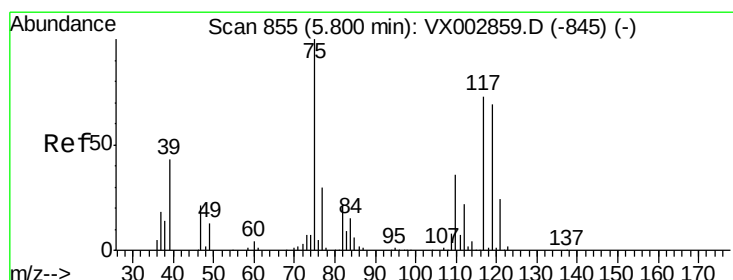
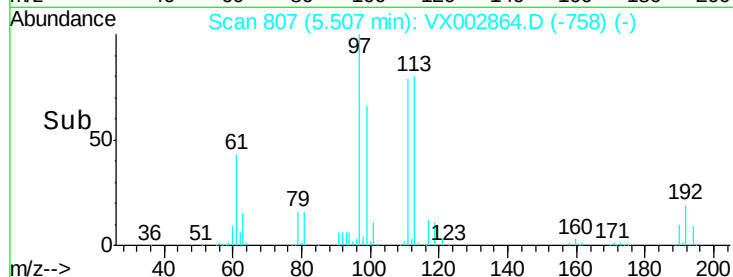
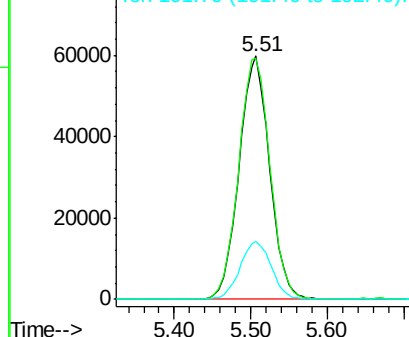
113 100

111 102.3 81.4 122.0

192 24.4 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.21 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

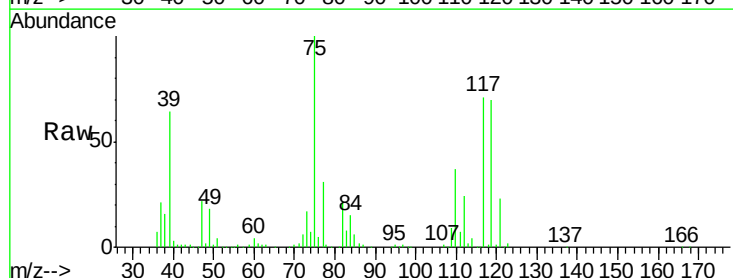
Tgt Ion: 75 Resp: 216300

Ion Ratio Lower Upper

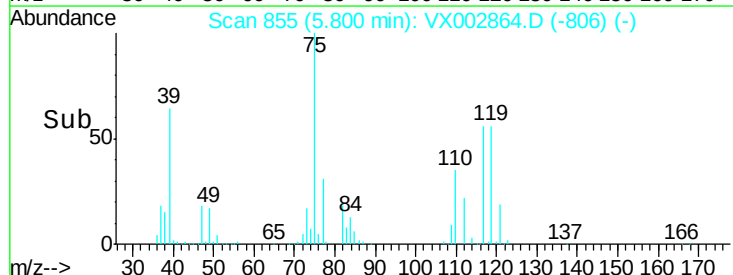
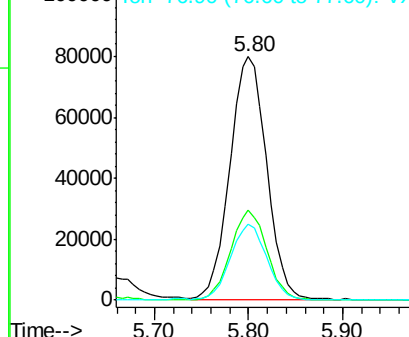
75 100

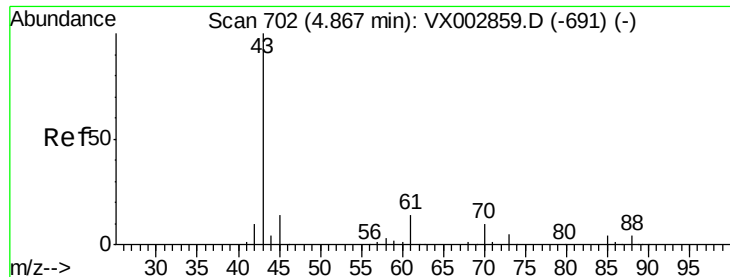
110 36.6 18.1 54.4

77 30.8 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

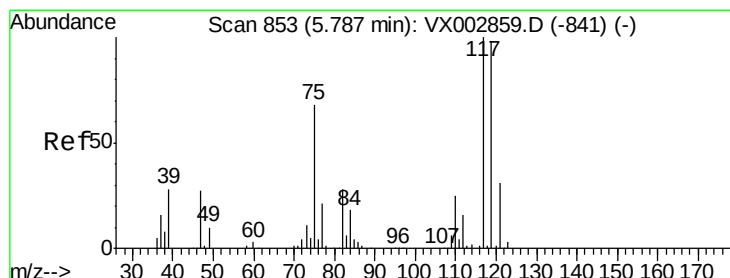
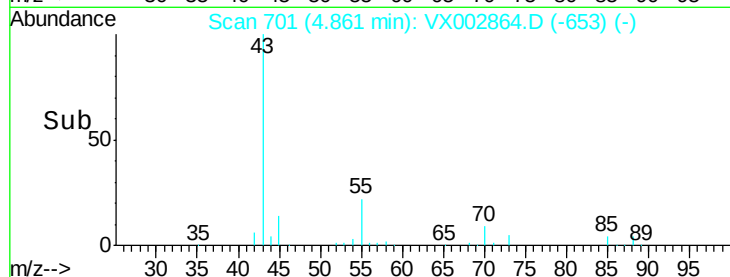
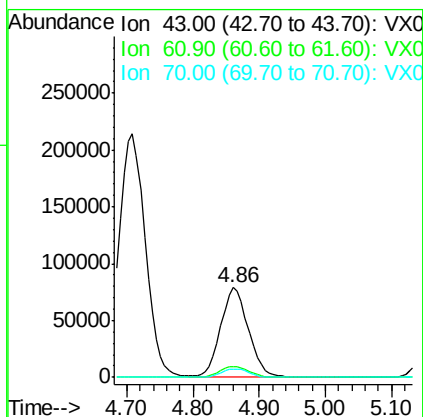
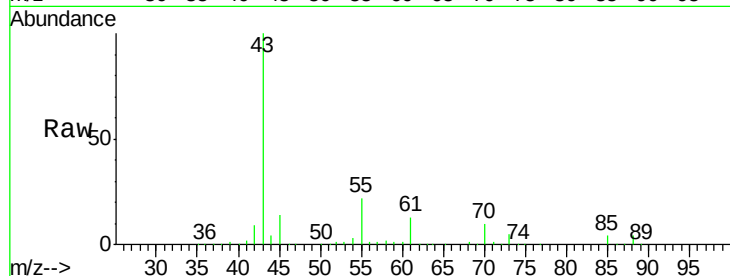




#37
Ethyl Acetate
Concen: 47.65 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

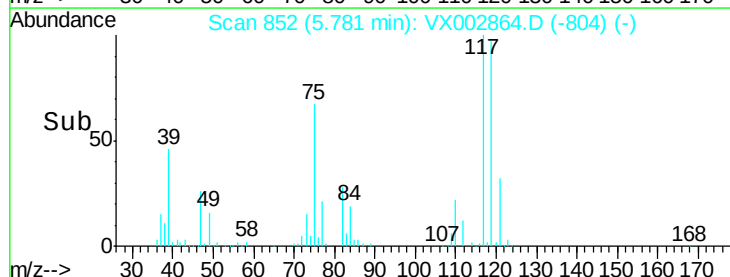
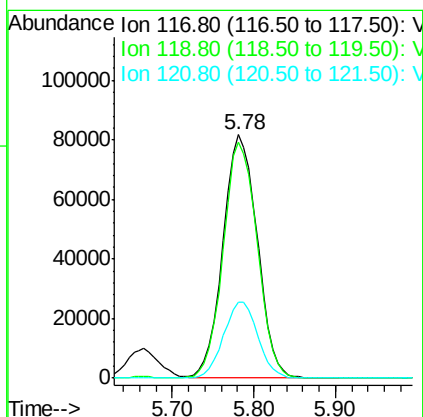
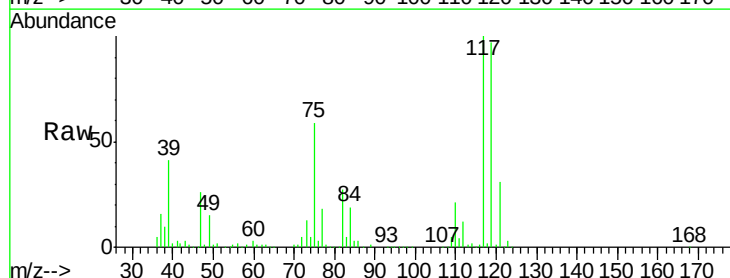
Instrument :
MSVOA_X
ClientSampled :

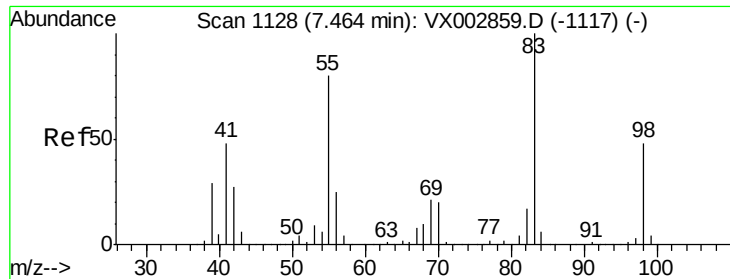
Tot Ion: 43 Resp: 230200
Ion Ratio Lower Upper
43 100
61 13.1 10.4 15.6
70 9.7 7.6 11.4



#38
Carbon Tetrachloride
Concen: 48.24 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion: 117 Resp: 237498
Ion Ratio Lower Upper
117 100
119 96.6 77.4 116.0
121 31.4 24.4 36.6

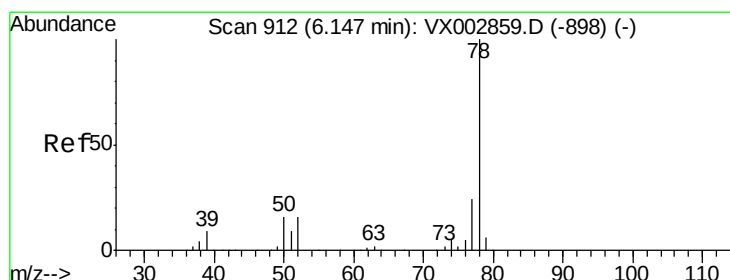
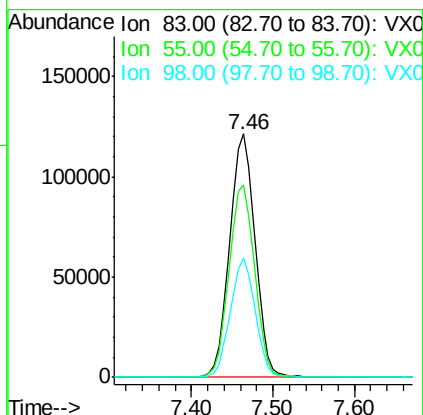
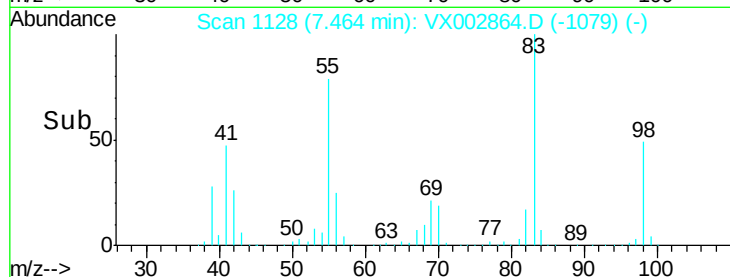
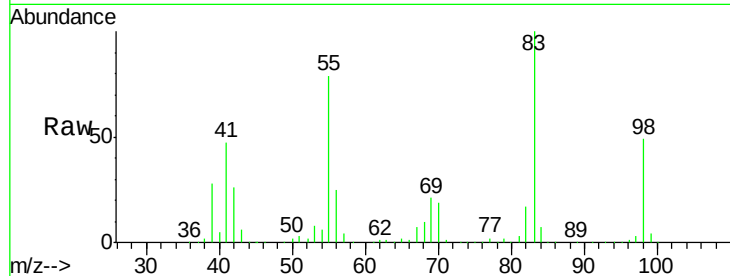




#39
Methylvlcyclohexane
Concen: 49.79 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

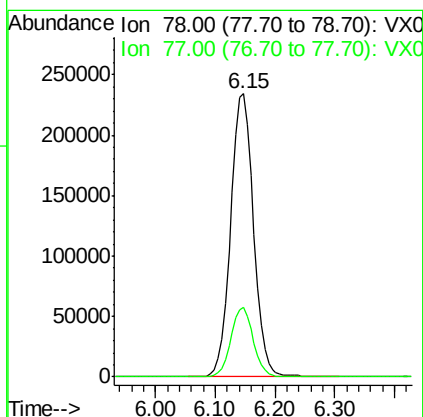
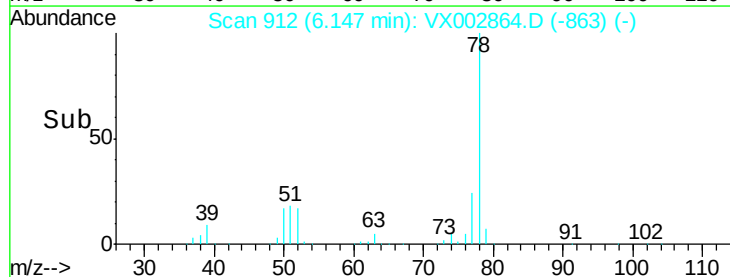
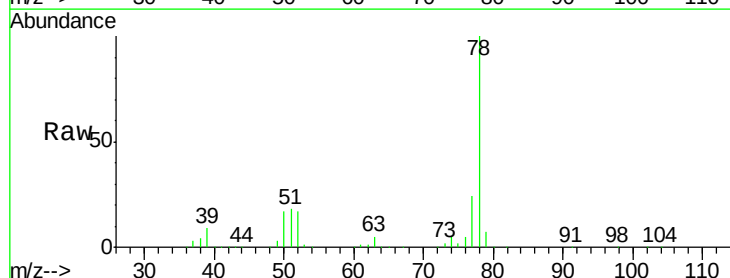
Instrument :
MSVOA_X
ClientSampleId :

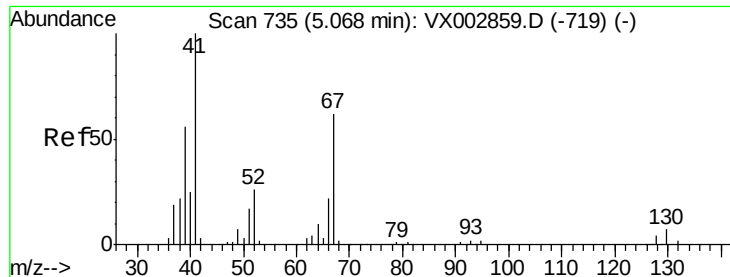
Tot Ion: 83 Resp: 260203
Ion Ratio Lower Upper
83 100
55 79.1 65.4 98.0
98 49.0 37.4 56.0



#40
Benzene
Concen: 47.92 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion: 78 Resp: 624652
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7

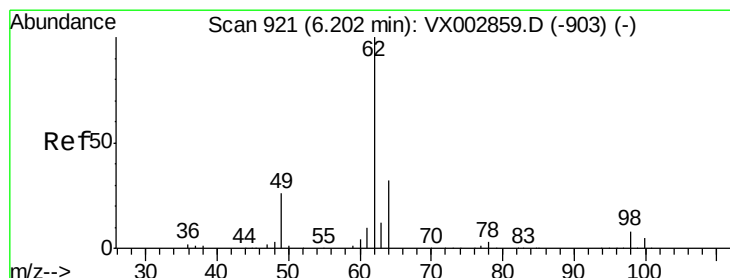
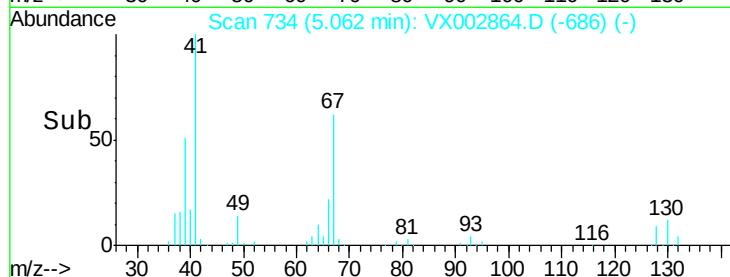
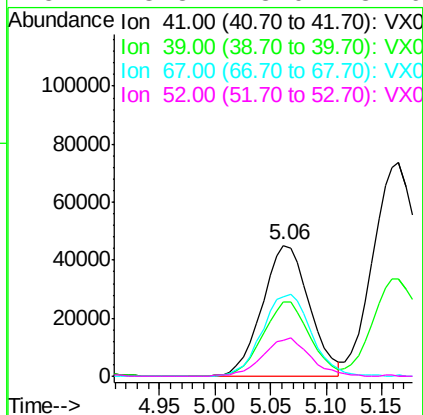
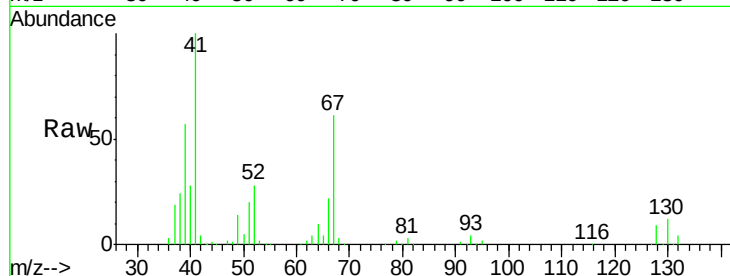




#41
Methacrylonitrile
Concen: 47.42 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

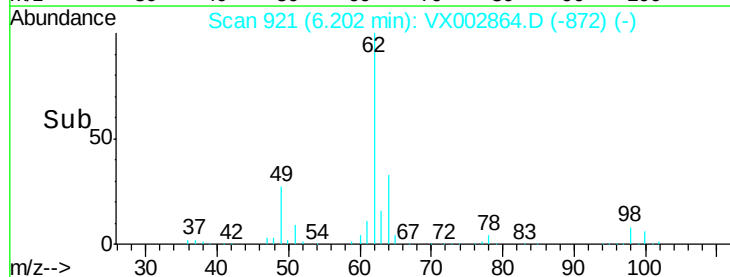
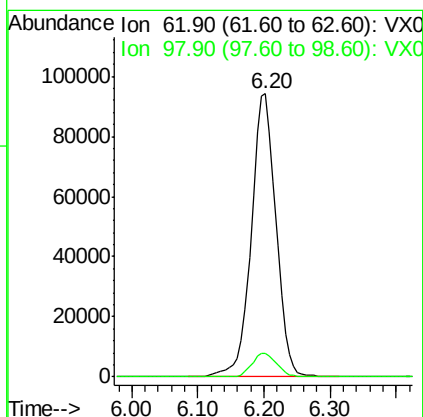
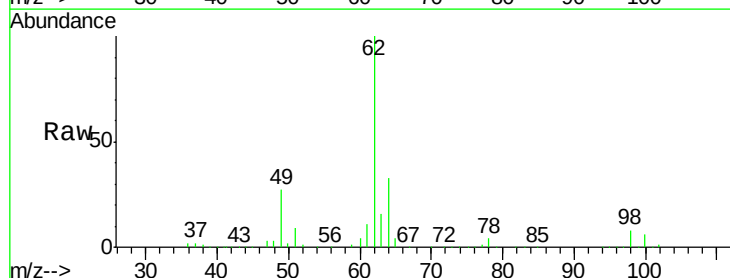
Instrument :
MSVOA_X
ClientSampled :

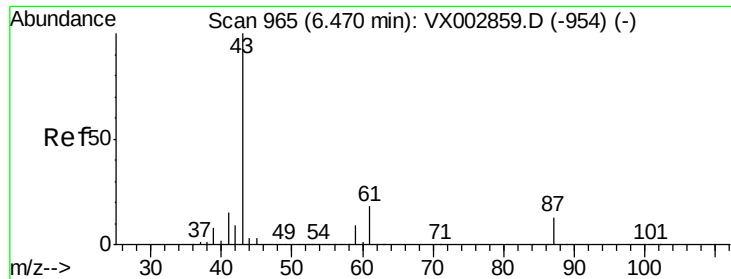
Tot Ion:	41	Resp:	131912
Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.8	68.6
67	65.5	51.3	76.9
52	28.8	23.0	34.6



#42
1,2-Dichloroethane
Concen: 46.48 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion:	62	Resp:	244755
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6





#43

Isopropyl Acetate

Concen: 47.70 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

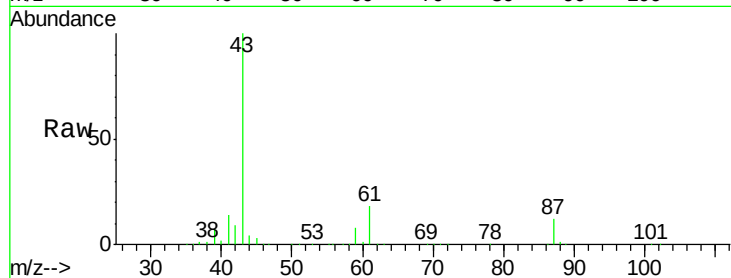
Tot Ion: 43 Resp: 386484

Ion Ratio Lower Upper

43 100

61 18.4 14.4 21.6

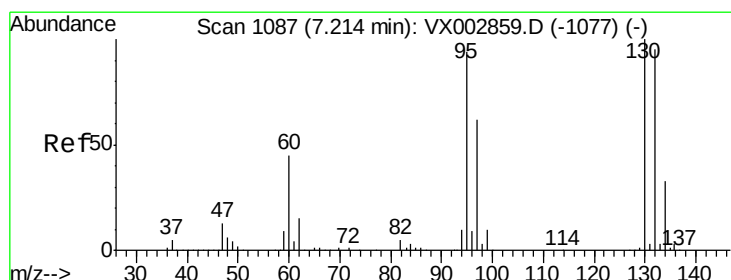
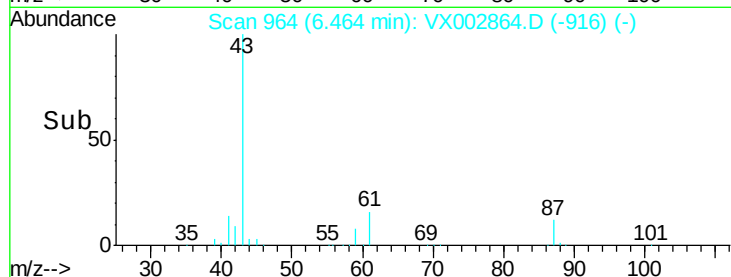
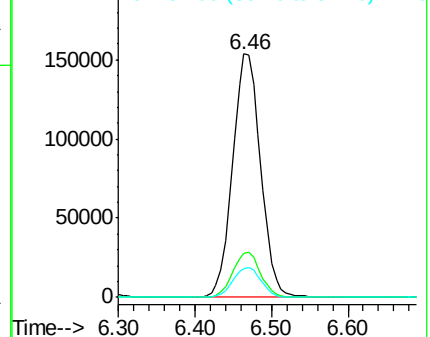
87 12.4 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.64 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002864.D

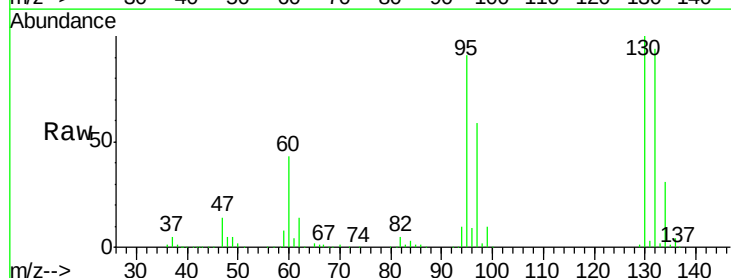
Acq: 25 Jun 2018 17:11

Tgt Ion:130 Resp: 189025

Ion Ratio Lower Upper

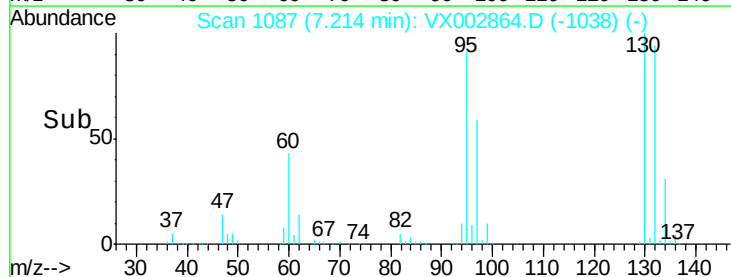
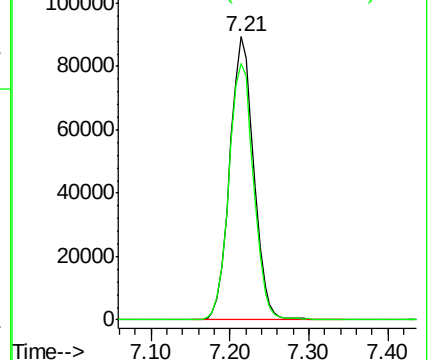
130 100

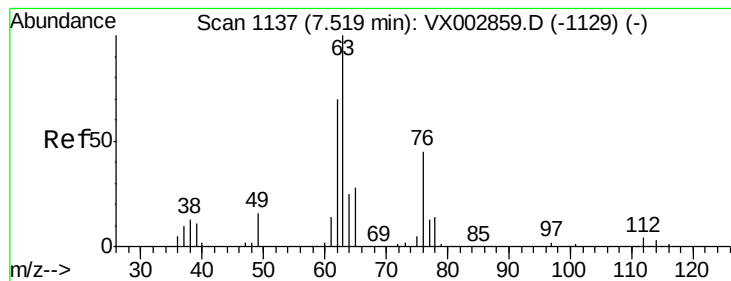
95 90.6 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 47.99 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

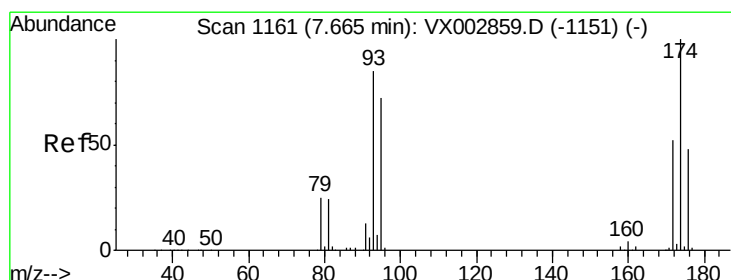
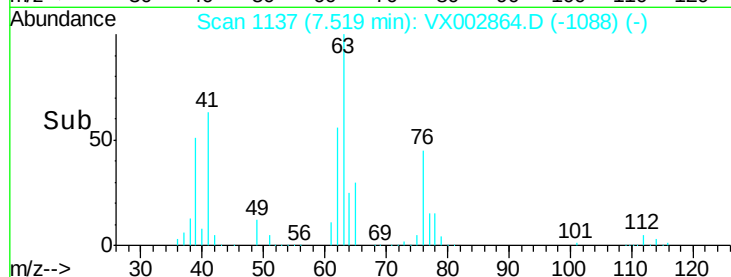
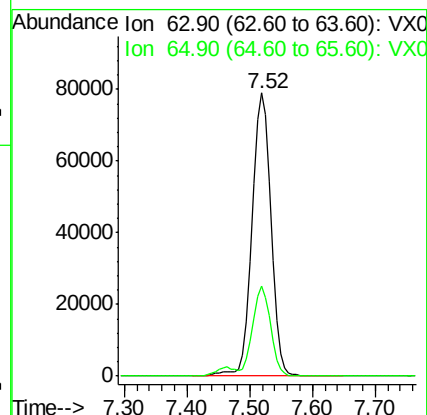
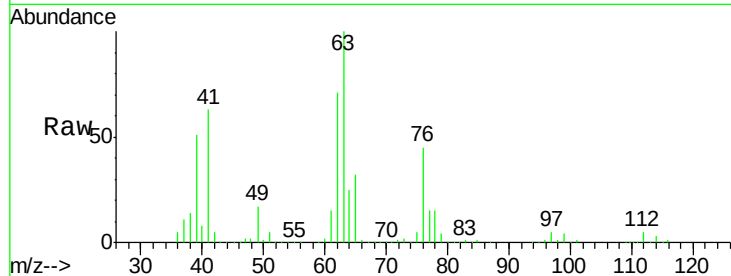
ClientSampleId :

Tot Ion: 63 Resp: 165935

Ion Ratio Lower Upper

63 100

65 31.9 24.7 37.1



#46

Dibromomethane

Concen: 47.25 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

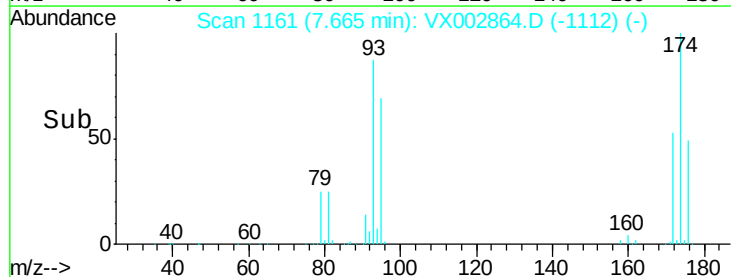
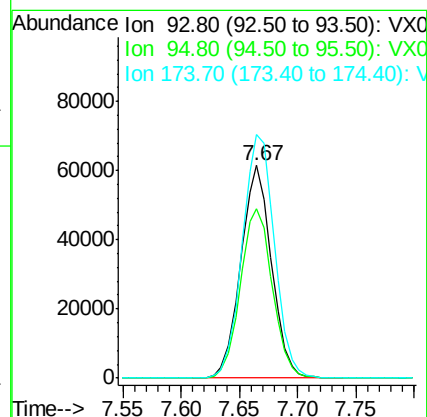
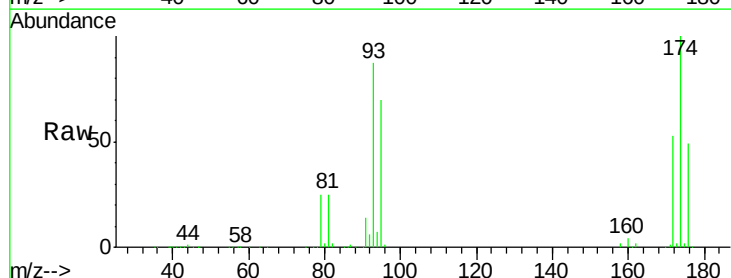
Tgt Ion: 93 Resp: 113383

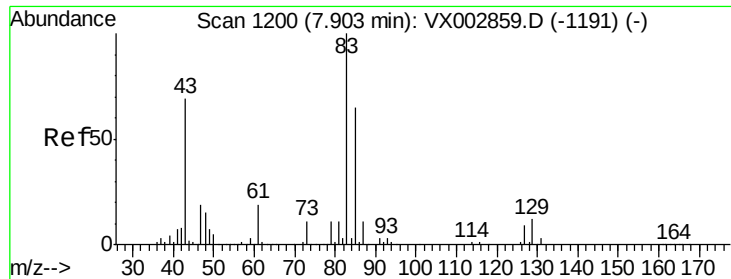
Ion Ratio Lower Upper

93 100

95 82.8 65.9 98.9

174 119.9 92.4 138.6





#47

Bromodichloromethane

Concen: 49.47 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

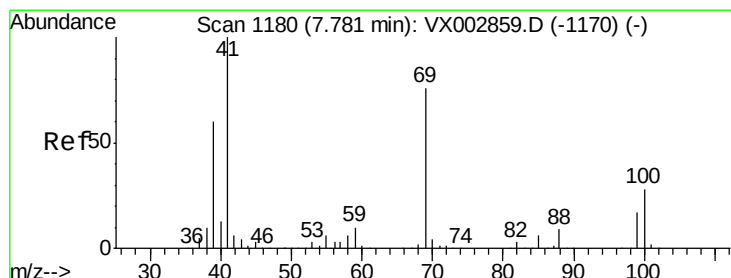
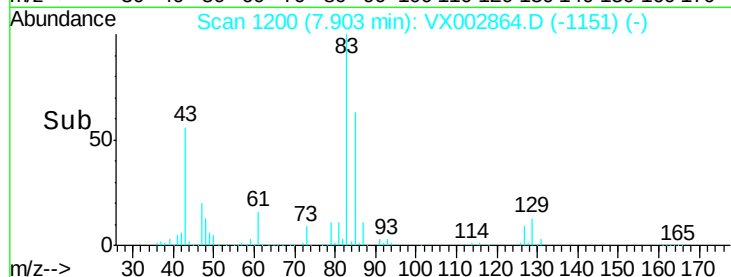
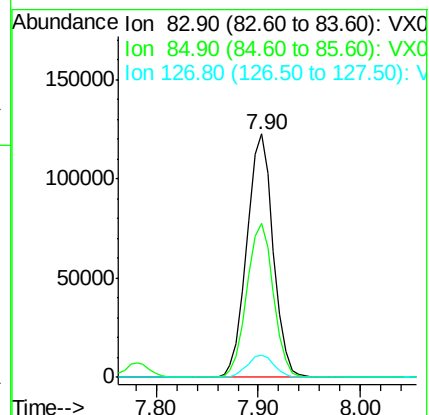
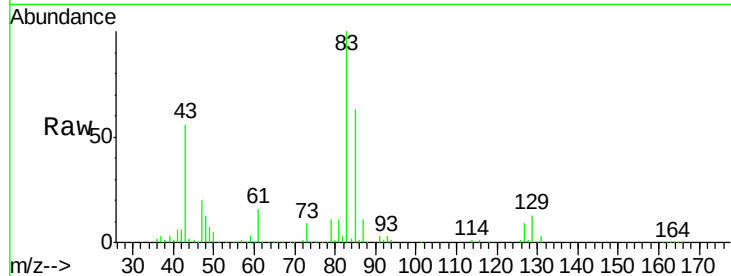
Tot Ion: 83 Resp: 219483

Ion Ratio Lower Upper

83 100

85 63.3 50.3 75.5

127 9.1 7.0 10.4



#48

Methyl methacrylate

Concen: 48.56 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

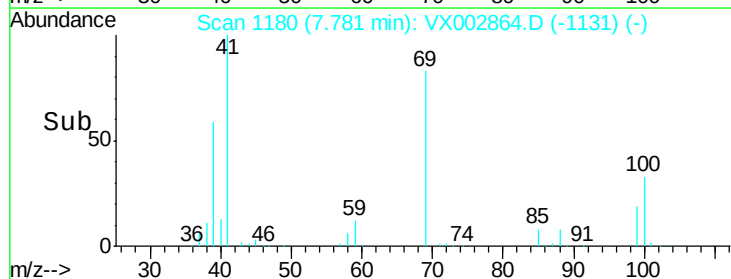
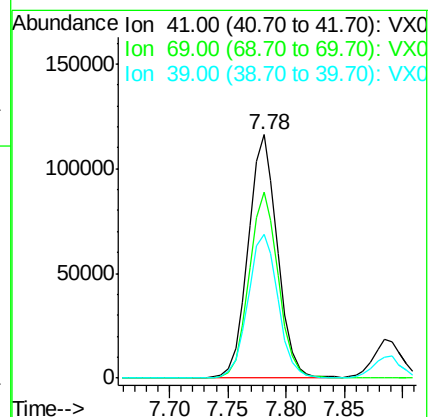
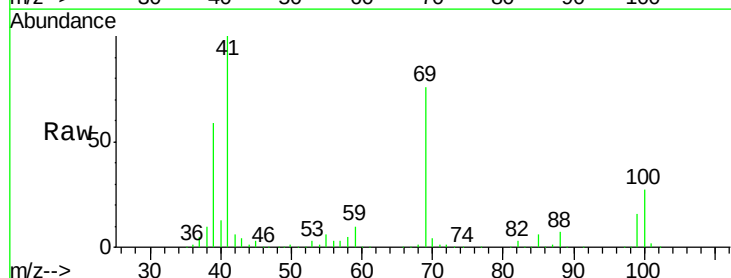
Tgt Ion: 41 Resp: 202692

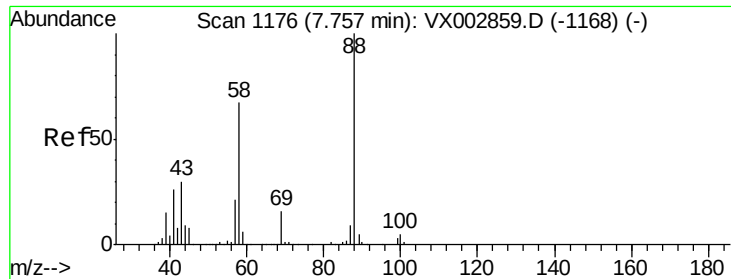
Ion Ratio Lower Upper

41 100

69 76.7 59.1 88.7

39 60.8 48.9 73.3

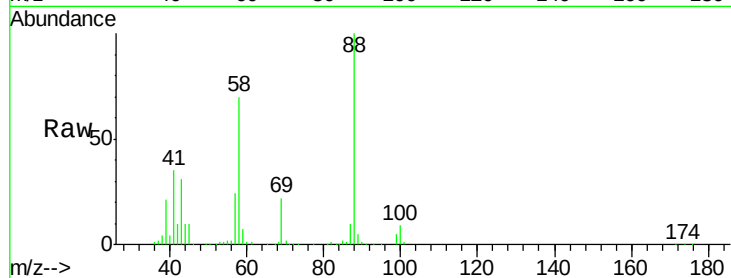




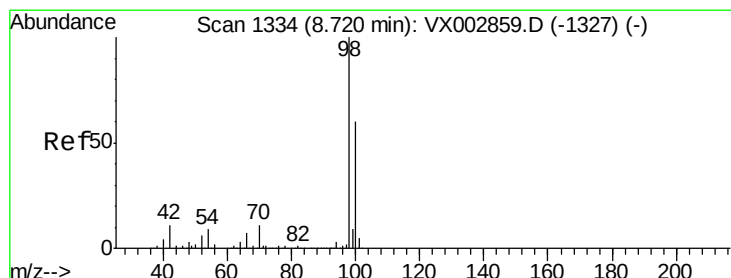
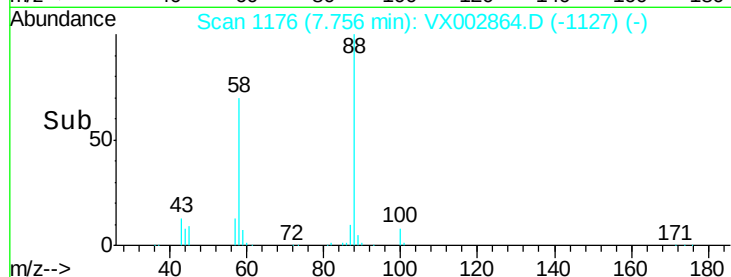
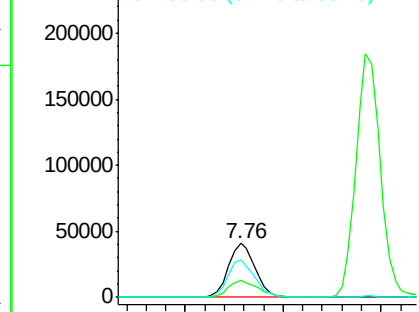
#49
 1,4-Dioxane
 Concen: 944.26 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	88	Resp	76689
Ion	Ratio	Lower	Upper
88	100		
43	35.1	29.8	44.6
58	70.3	57.1	85.7

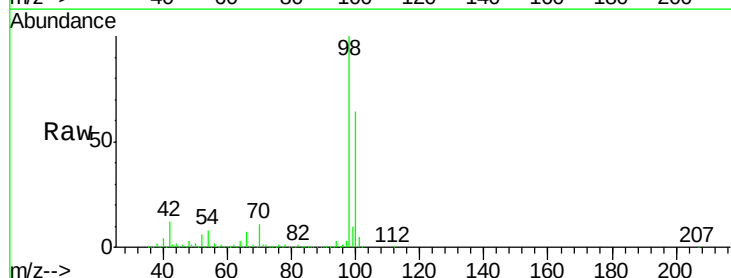


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

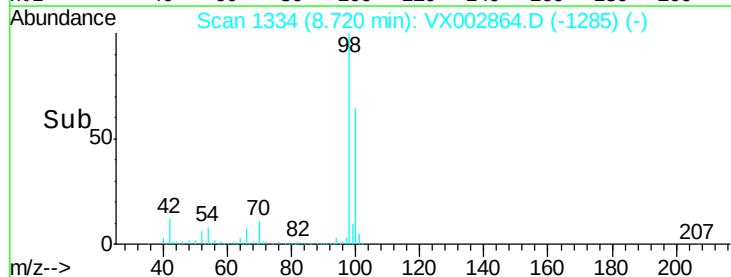
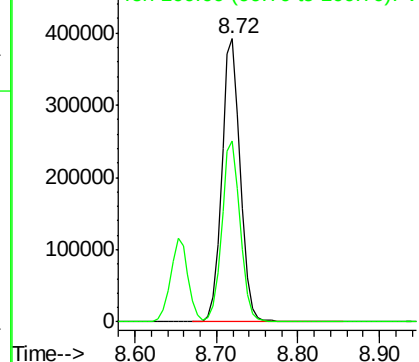


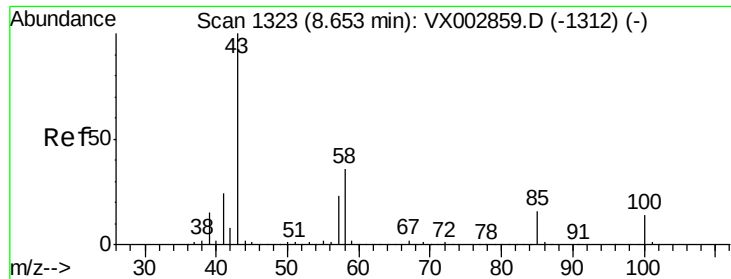
#50
 Toluene-d8
 Concen: 52.40 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

Tgt Ion	98	Resp	619904
Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.9	76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 244.10 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

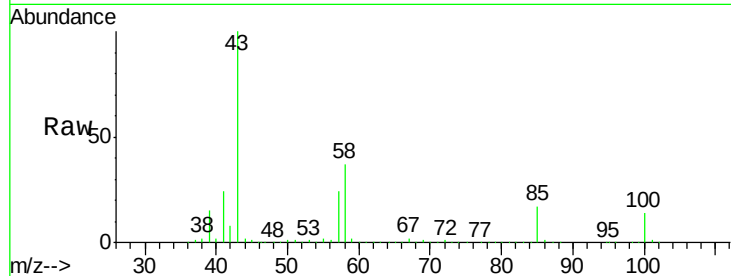
ClientSampleId :

Tot Ion: 43 Resp: 1237309

Ion Ratio Lower Upper

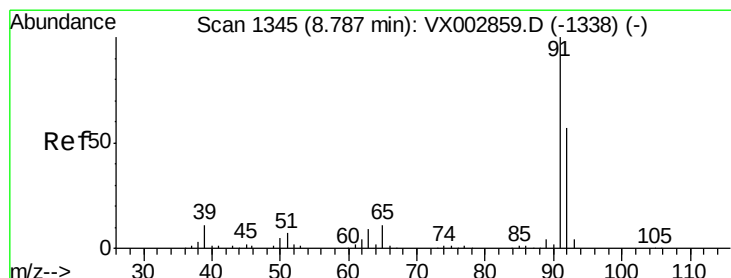
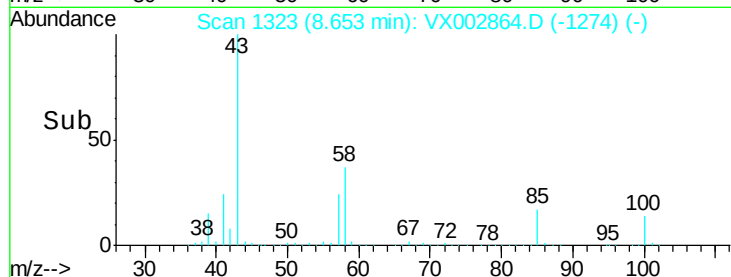
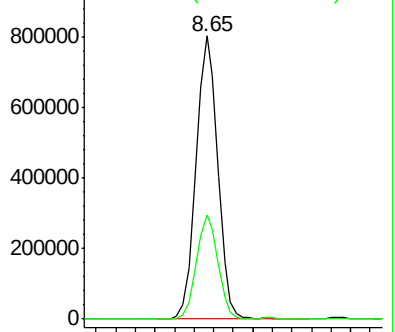
43 100

58 36.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.27 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002864.D

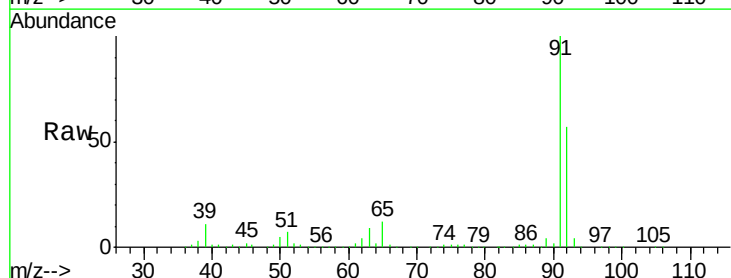
Acq: 25 Jun 2018 17:11

Tgt Ion: 92 Resp: 411488

Ion Ratio Lower Upper

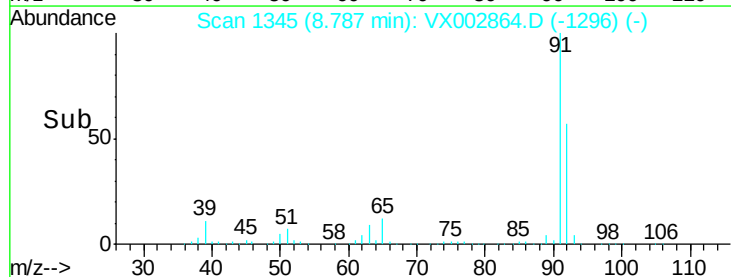
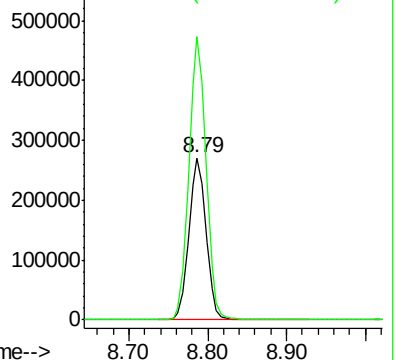
92 100

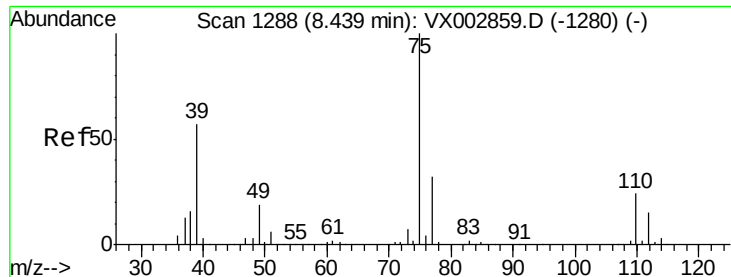
91 174.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 51.19 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

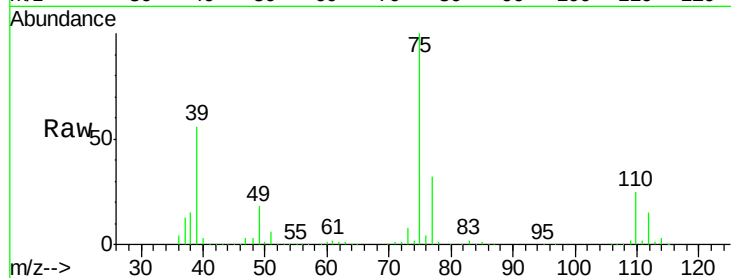
ClientSampleId :

Tot Ion: 75 Resp: 257204

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

200000

150000

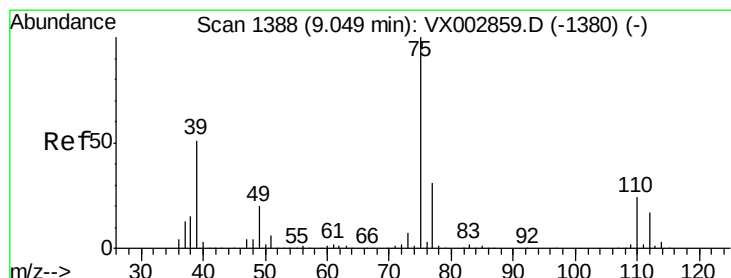
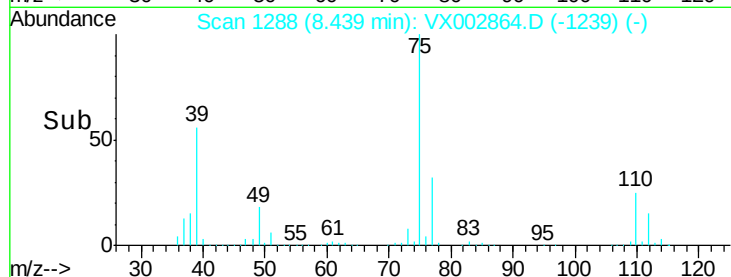
100000

50000

0

8.35 8.40 8.45 8.50 8.55

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.56 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

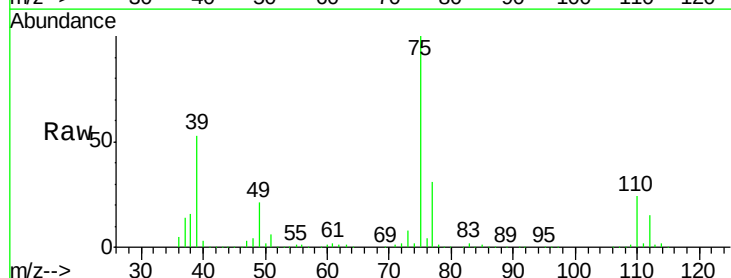
Tgt Ion: 75 Resp: 244443

Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

39 53.1 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

200000

150000

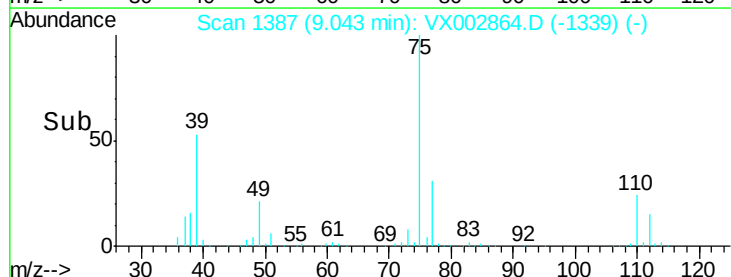
100000

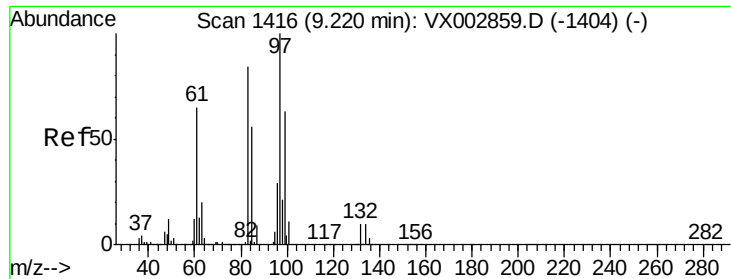
50000

0

8.95 9.00 9.05 9.10 9.15

Time-->

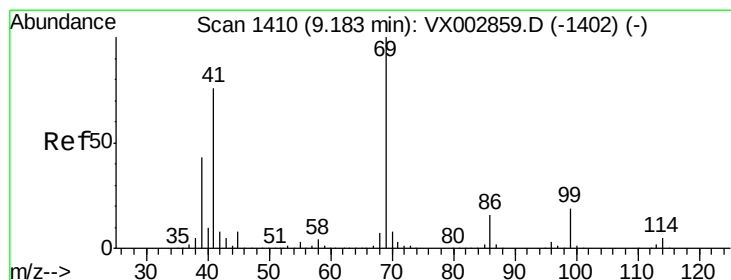
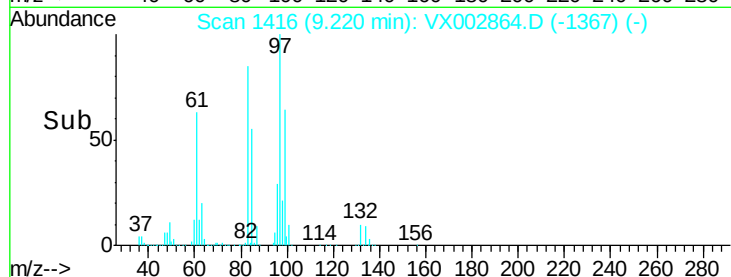
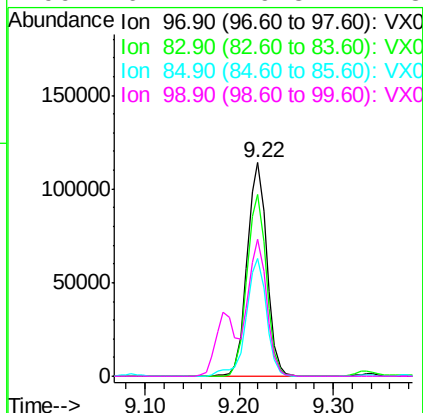
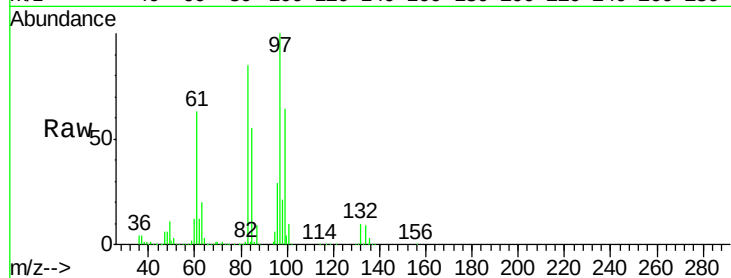




#55
 1,1,2-Trichloroethane
 Concen: 48.80 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

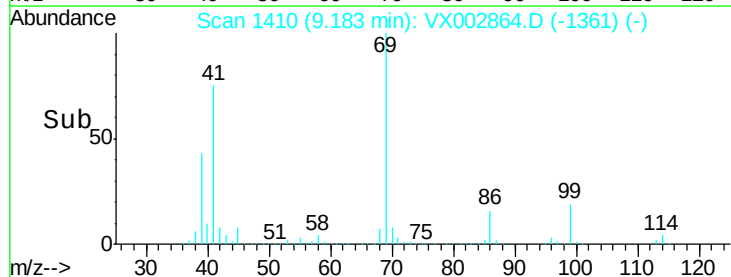
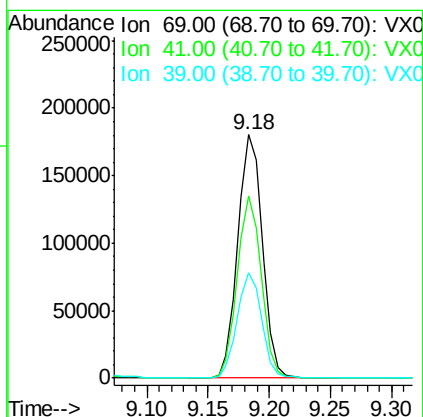
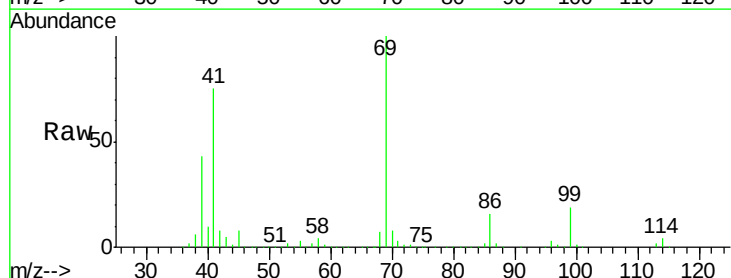
Instrument :
 MSVOA_X
 ClientSampleId :

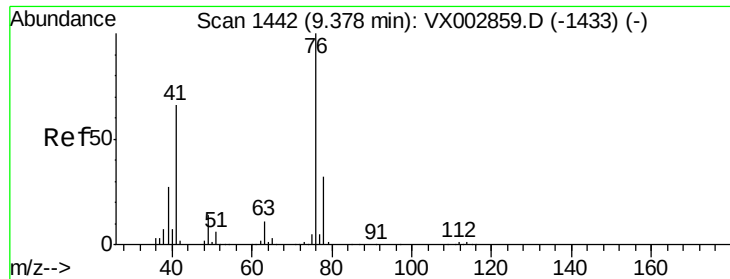
Tot Ion:	97	Resp:	167465
Ion	Ratio	Lower	Upper
97	100		
83	85.1	70.2	105.2
85	55.0	44.9	67.3
99	64.4	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 50.00 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

Tgt Ion:	69	Resp:	250785
Ion	Ratio	Lower	Upper
69	100		
41	72.8	60.3	90.5
39	43.1	35.8	53.8

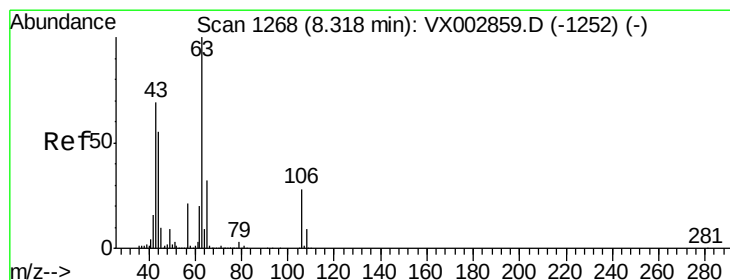
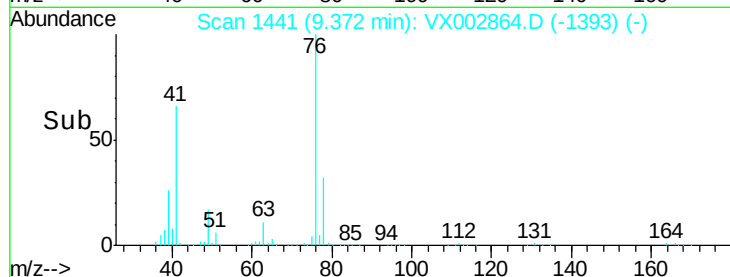
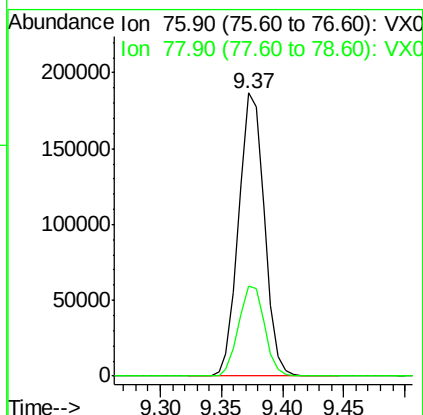
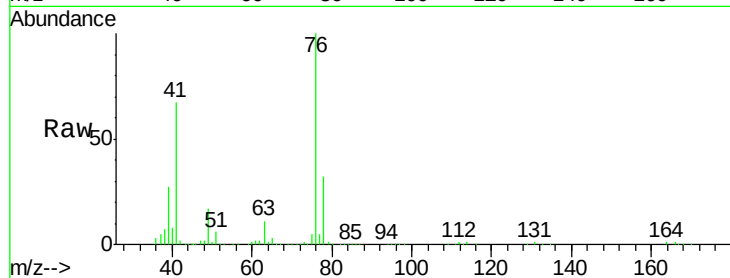




#57
 1,3-Dichloropropane
 Concen: 48.18 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

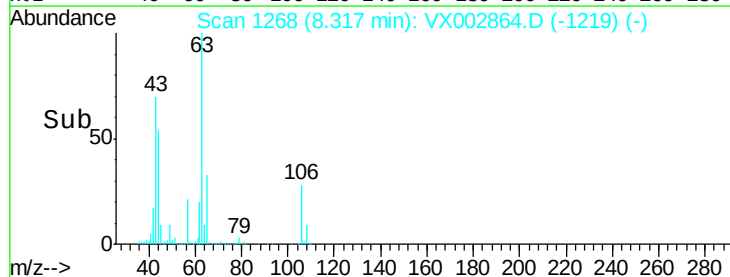
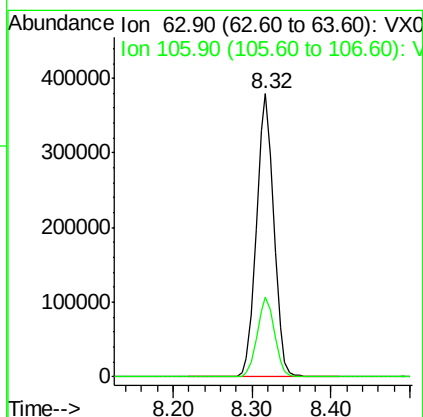
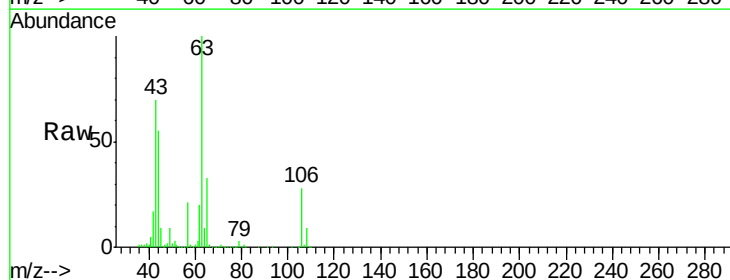
Instrument :
 MSVOA_X
 ClientSampleId :

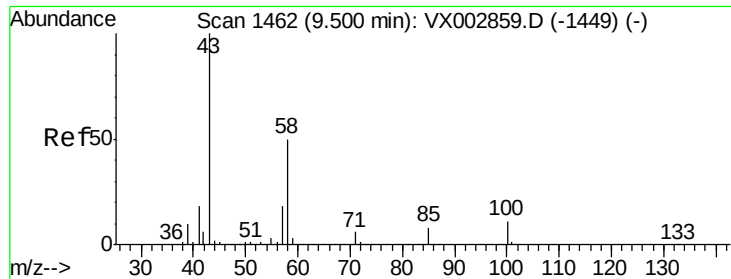
Tot Ion: 76 Resp: 271523
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 239.95 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

Tgt Ion: 63 Resp: 580562
 Ion Ratio Lower Upper
 63 100
 106 28.2 21.8 32.8

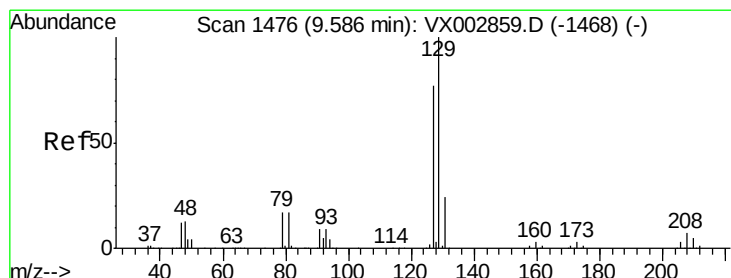
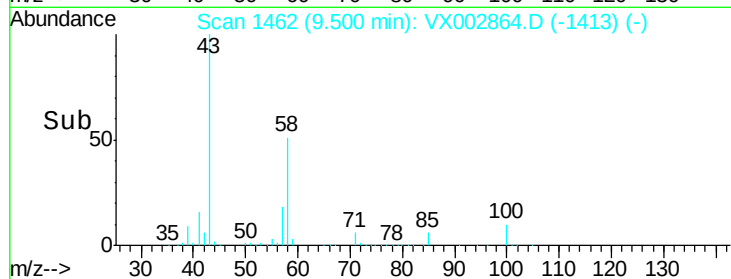
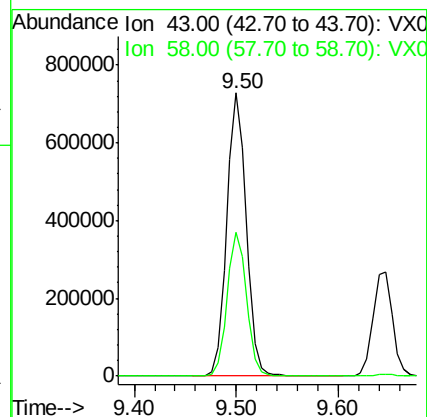
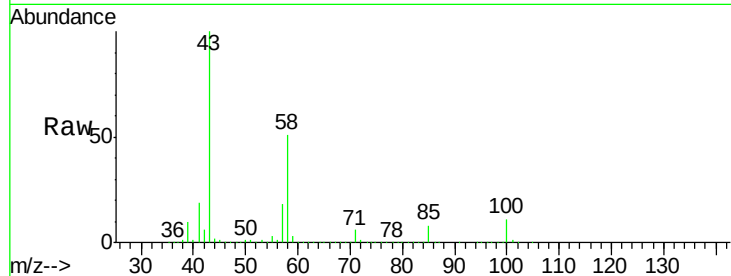




#59
2-Hexanone
Concen: 251.08 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

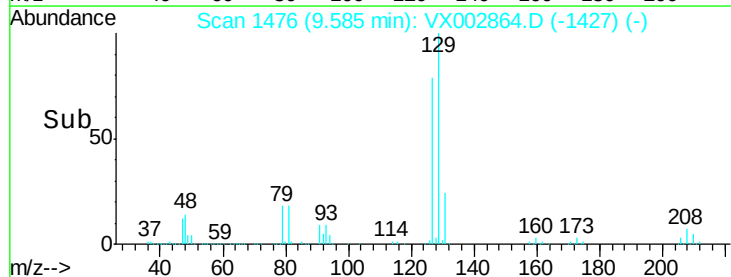
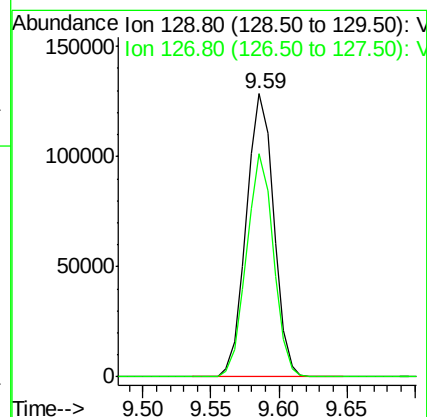
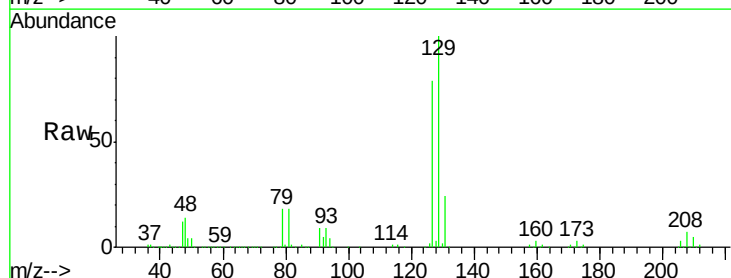
Instrument :
MSVOA_X
ClientSampleId :

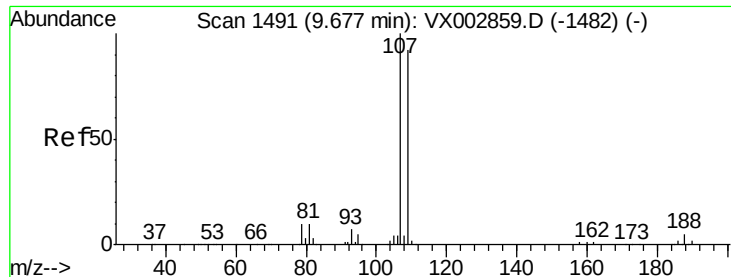
Tot Ion: 43 Resp: 967230
Ion Ratio Lower Upper
43 100
58 50.7 24.6 73.6



#60
Dibromochloromethane
Concen: 50.52 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion:129 Resp: 182494
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 49.06 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

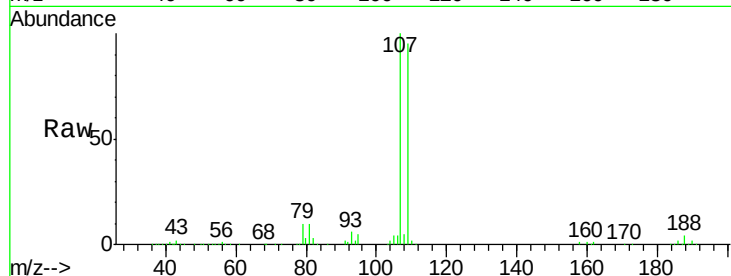
ClientSampleId :

Tot Ion:107 Resp: 176603

Ion Ratio Lower Upper

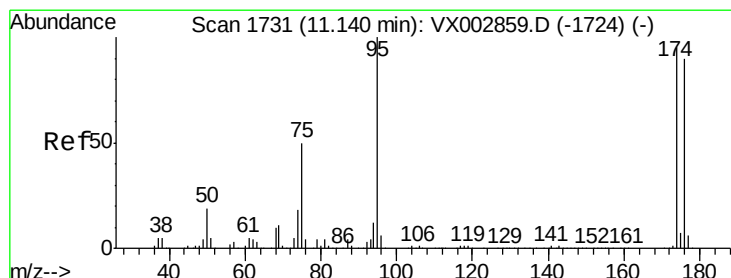
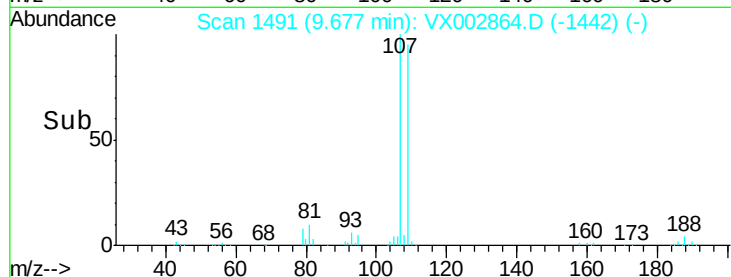
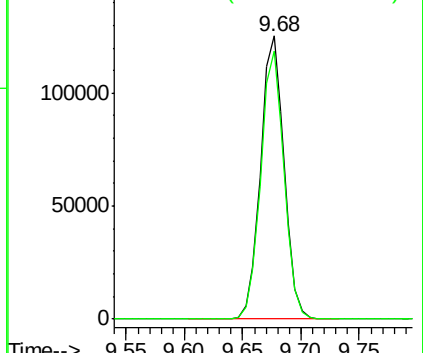
107 100

109 94.2 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.44 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

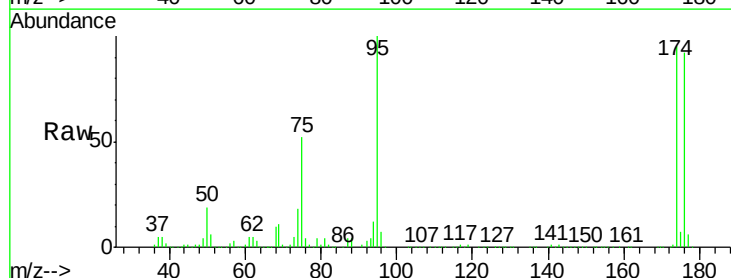
Tgt Ion: 95 Resp: 243846

Ion Ratio Lower Upper

95 100

174 96.1 0.0 187.4

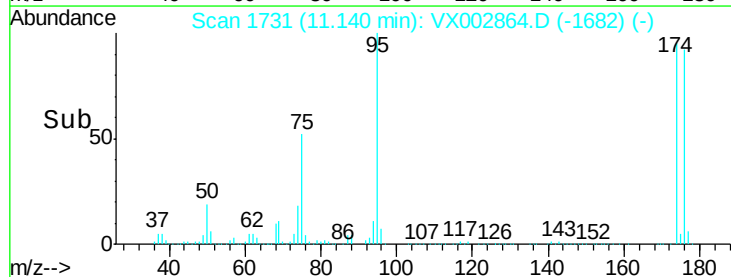
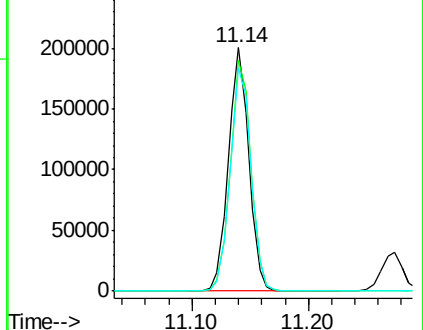
176 94.3 0.0 181.0

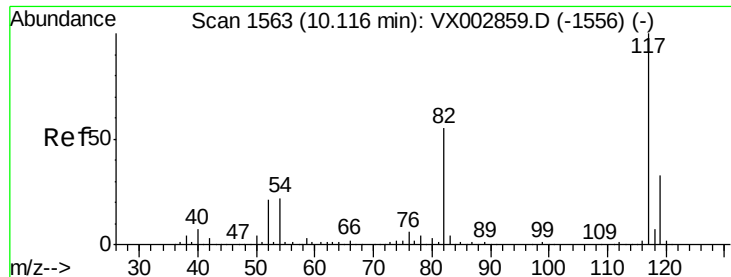


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

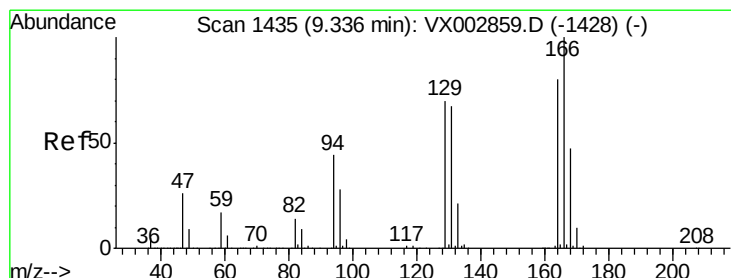
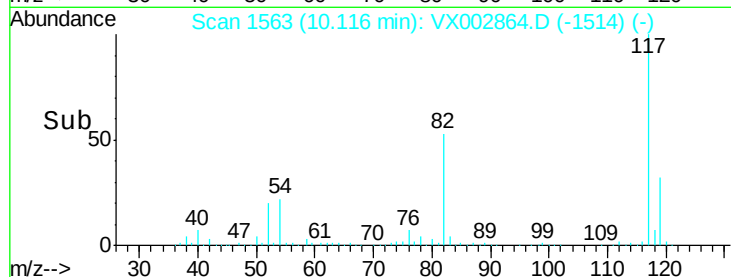
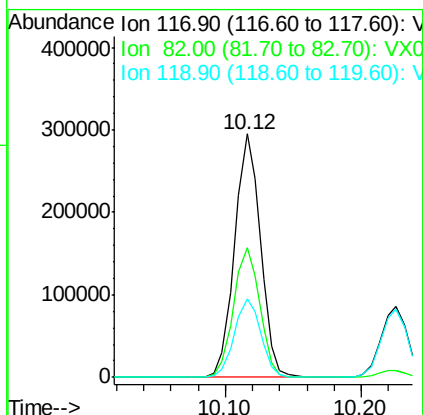
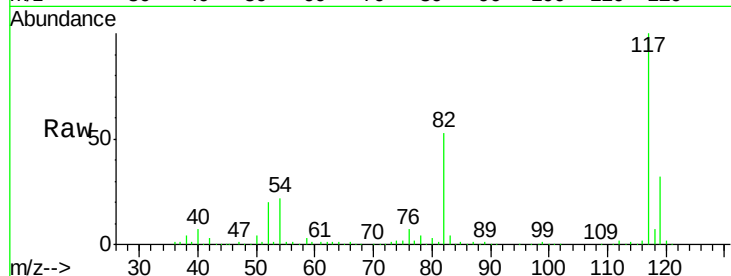




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

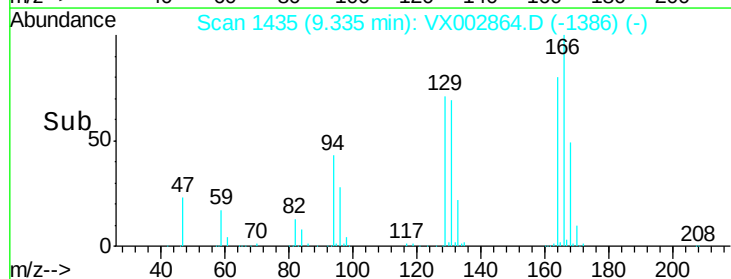
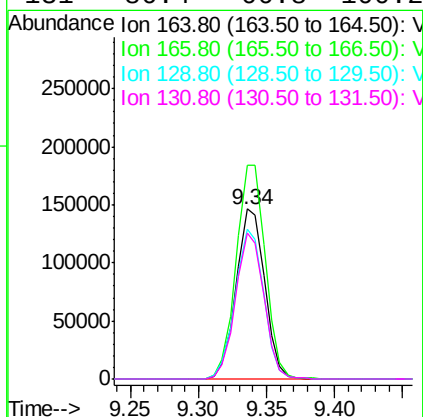
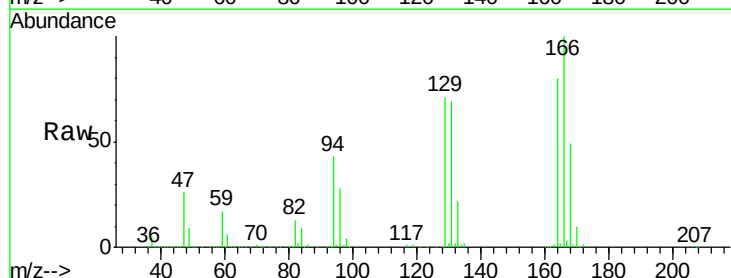
Instrument :
MSVOA_X
ClientSampleId :

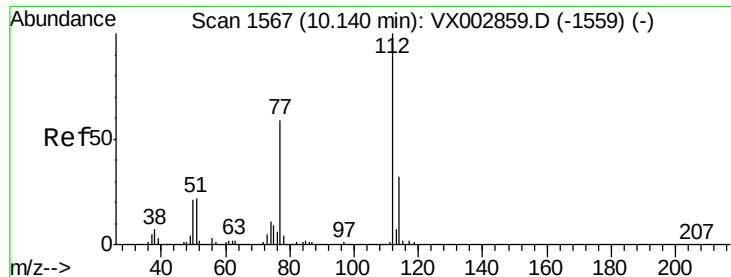
Tot Ion:117 Resp: 390227
Ion Ratio Lower Upper
117 100
82 53.5 45.0 67.4
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 49.57 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion:164 Resp: 215107
Ion Ratio Lower Upper
164 100
166 125.7 102.9 154.3
129 88.6 68.6 102.8
131 86.4 66.8 100.2

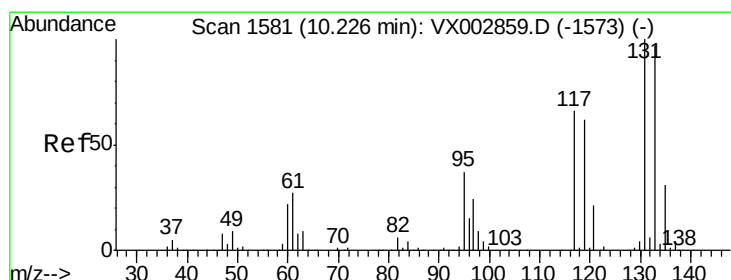
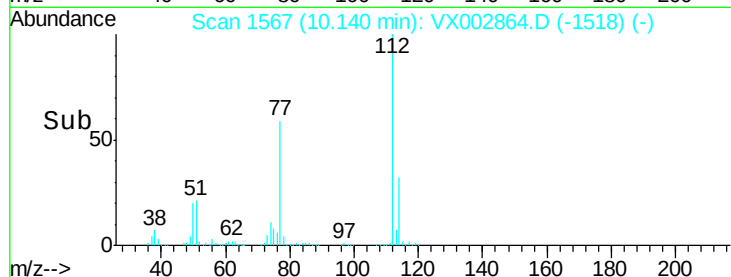
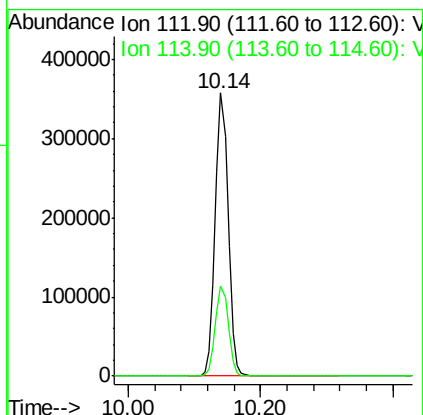
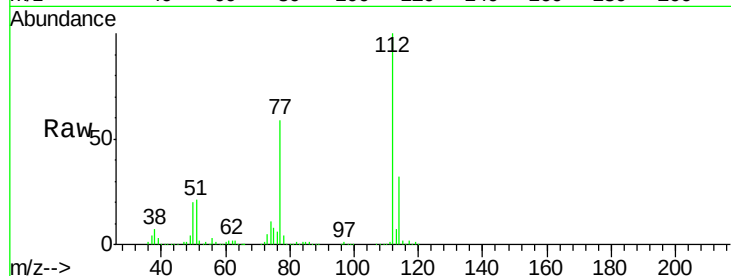




#65
Chlorobenzene
Concen: 48.54 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

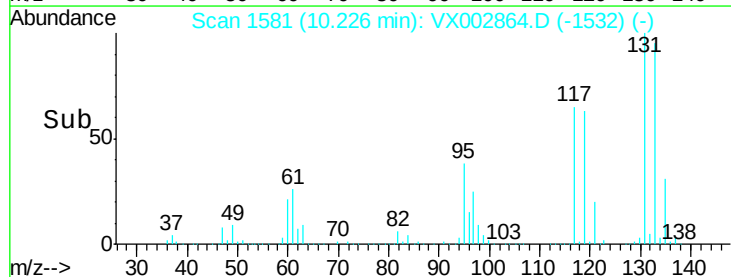
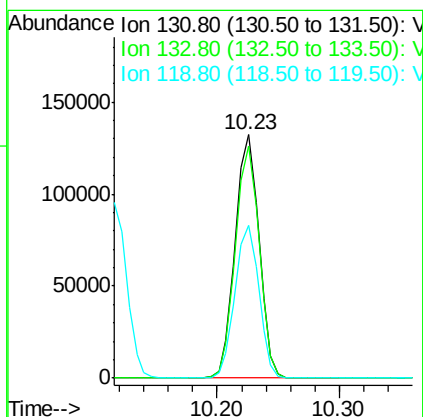
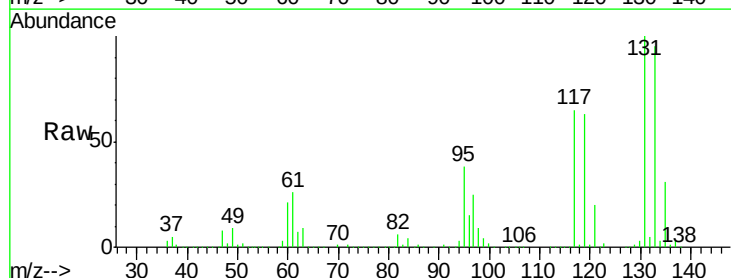
Instrument :
MSVOA_X
ClientSampleId :

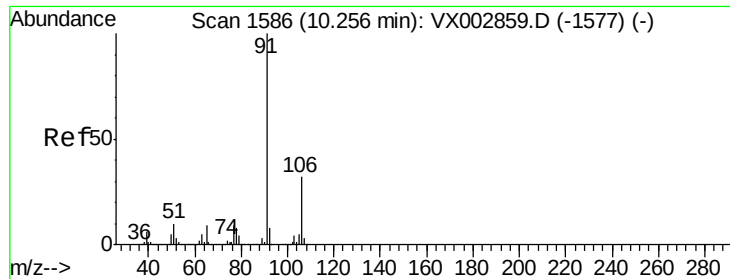
Tot Ion:112 Resp: 481074
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.39 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion:131 Resp: 177831
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 63.4 31.8 95.3

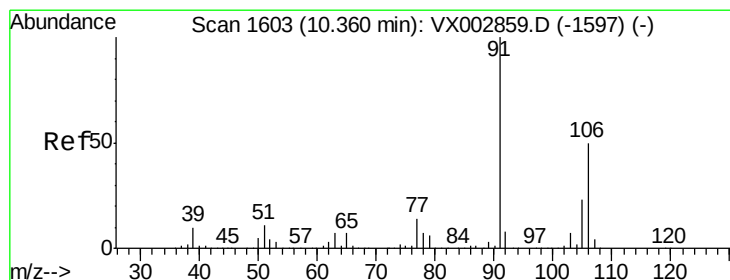
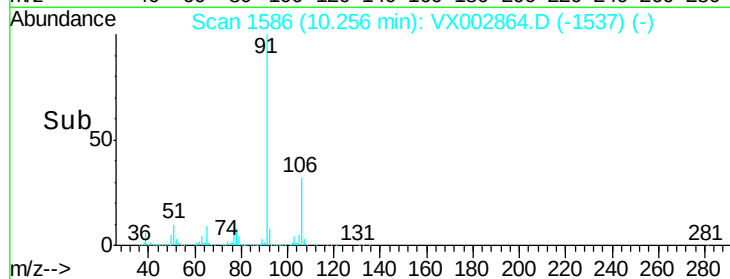
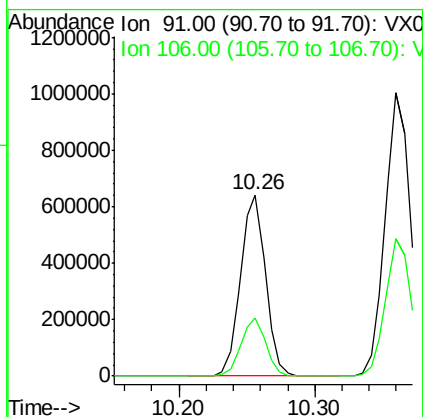
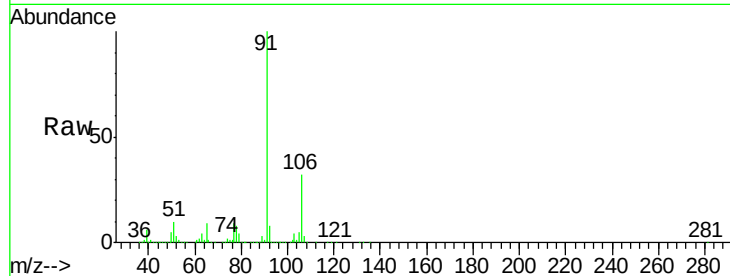




#67
Ethyl Benzene
Concen: 50.32 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

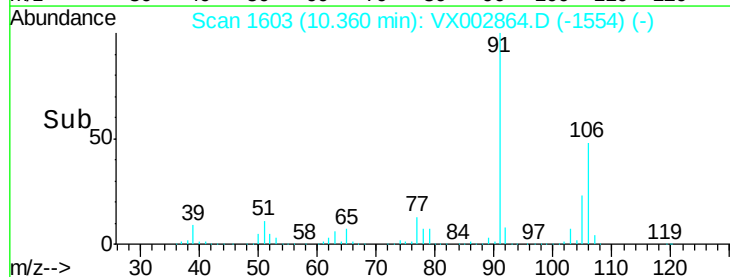
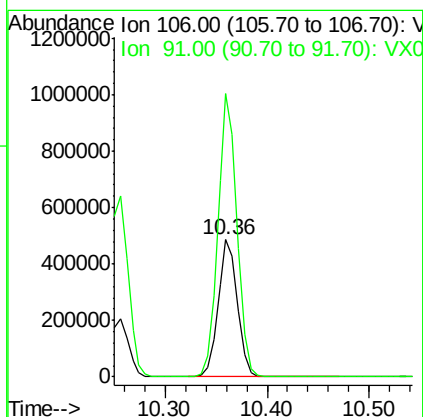
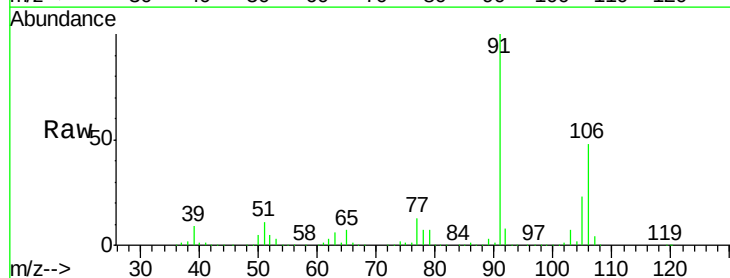
Instrument :
MSVOA_X
ClientSampled :

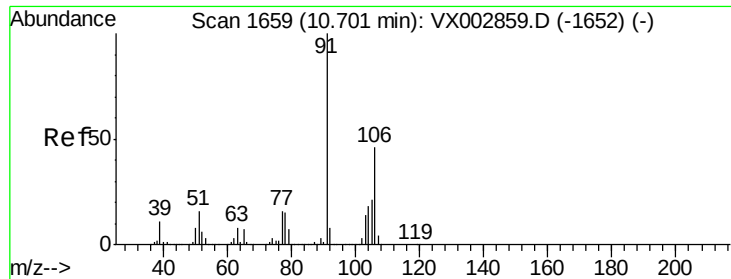
Tot Ion: 91 Resp: 823882
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3



#68
m/p-Xylenes
Concen: 101.40 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion: 106 Resp: 639838
Ion Ratio Lower Upper
106 100
91 204.8 163.4 245.2

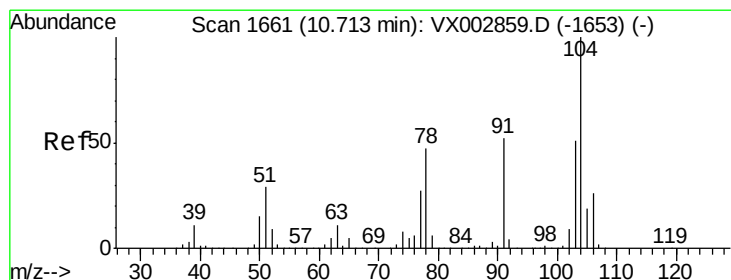
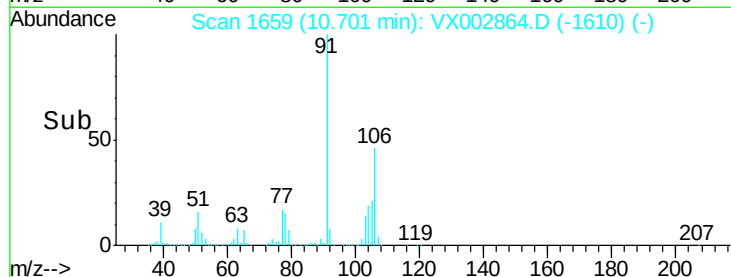
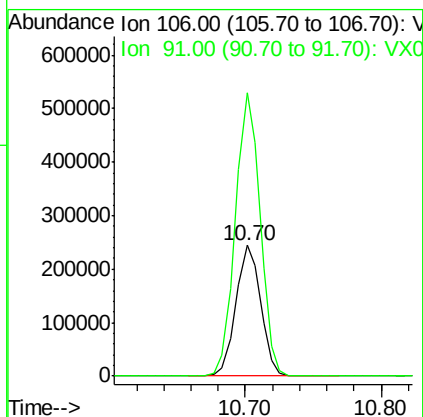
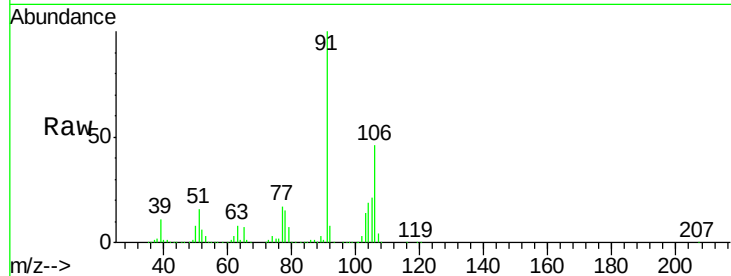




#69
o-Xylene
Concen: 50.70 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

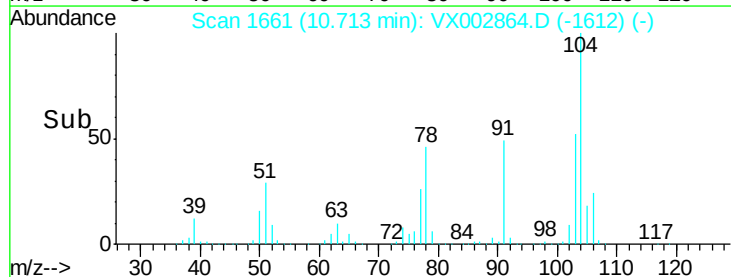
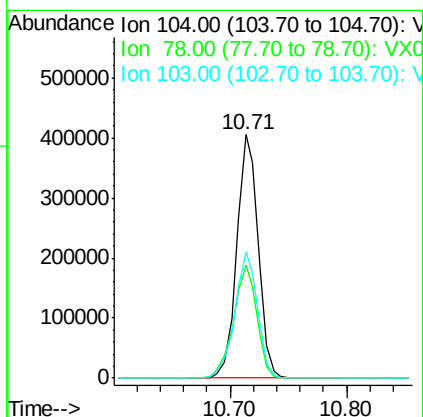
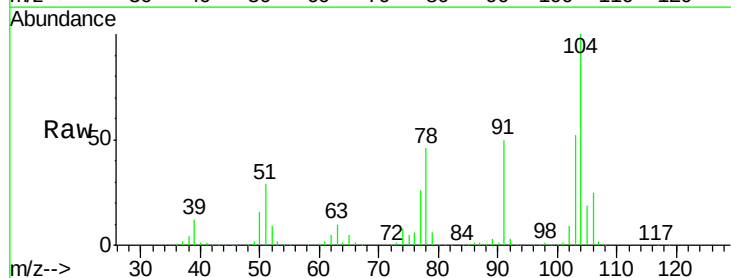
Instrument :
MSVOA_X
ClientSampled :

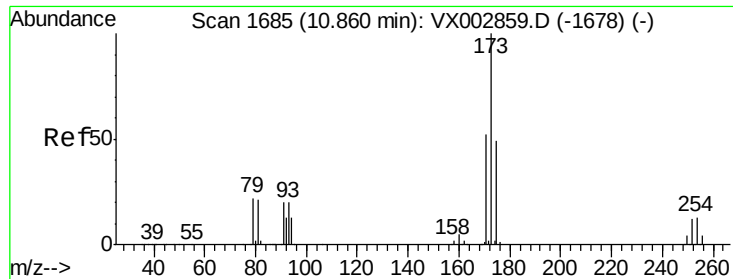
Tot Ion:106 Resp: 311544
Ion Ratio Lower Upper
106 100
91 215.0 108.2 324.6



#70
Styrene
Concen: 51.83 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion:104 Resp: 517439
Ion Ratio Lower Upper
104 100
78 50.9 41.0 61.6
103 55.4 44.2 66.4





#71

Bromoform

Concen: 44.66 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampled :

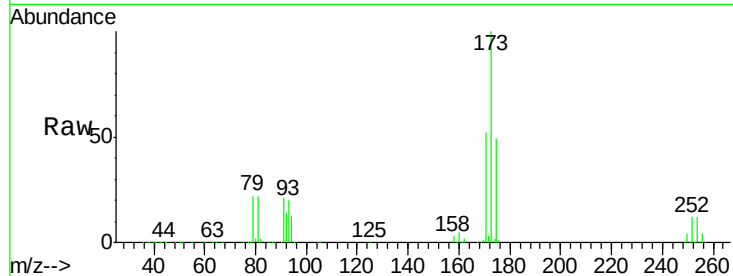
Tot Ion:173 Resp: 143802

Ion Ratio Lower Upper

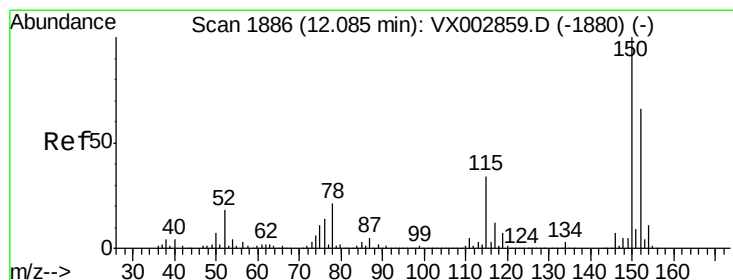
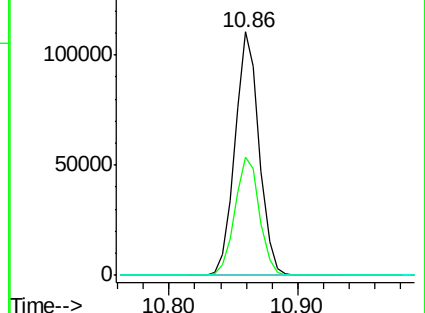
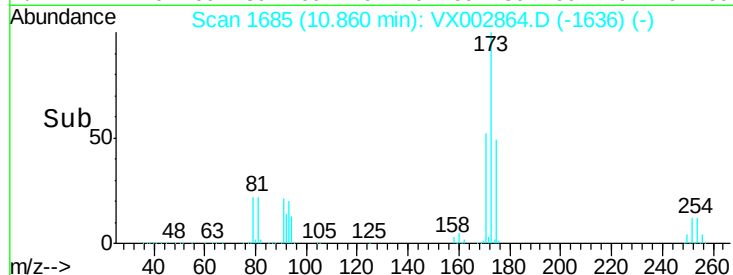
173 100

175 49.7 24.7 74.1

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

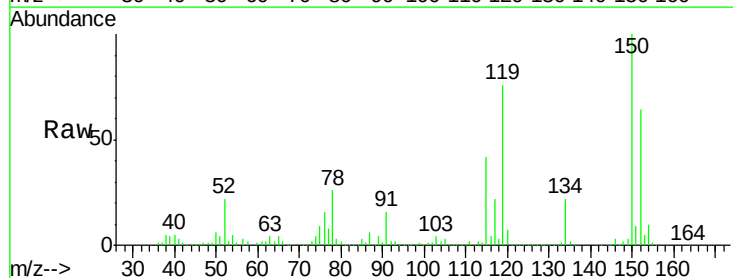
Tgt Ion:152 Resp: 254644

Ion Ratio Lower Upper

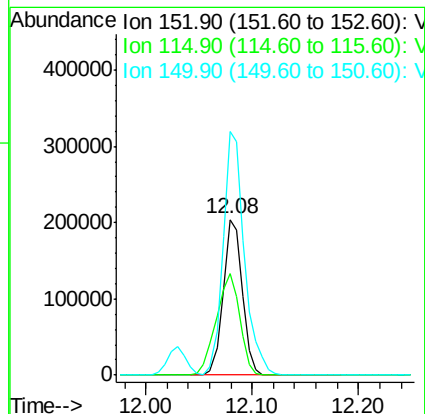
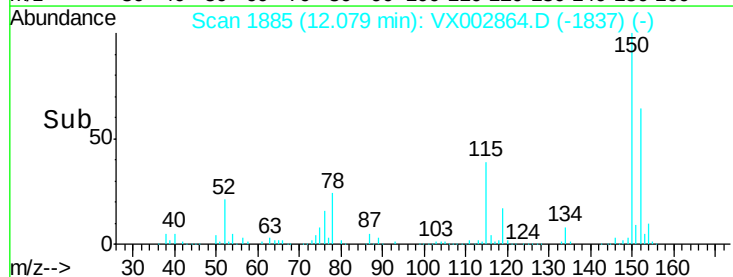
152 100

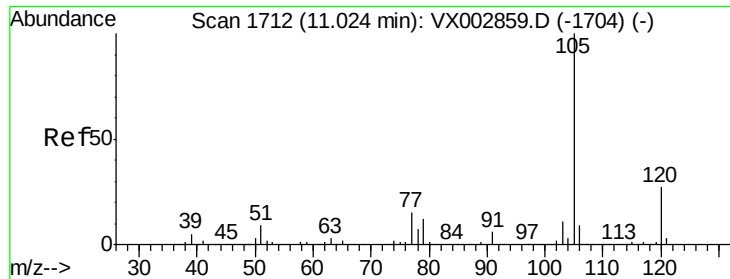
115 79.6 40.1 120.2

150 174.3 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.17 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

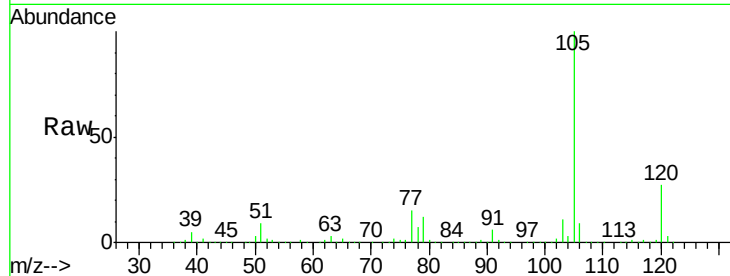
ClientSampleId :

Tot Ion:105 Resp: 859453

Ion Ratio Lower Upper

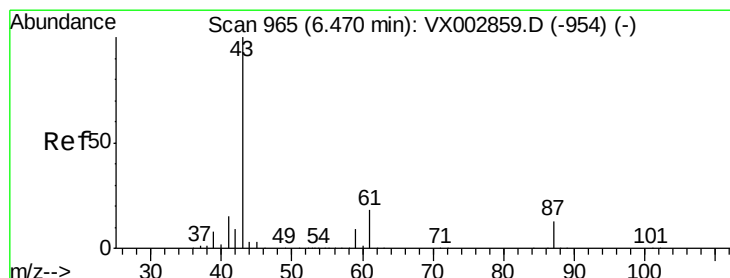
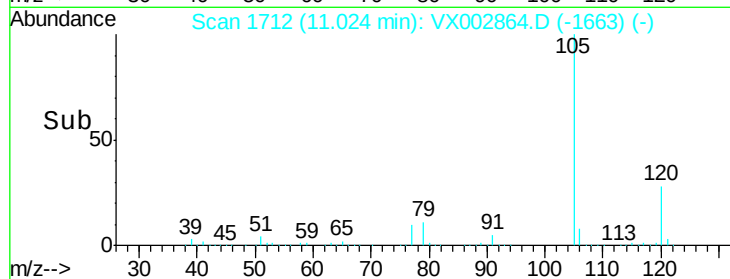
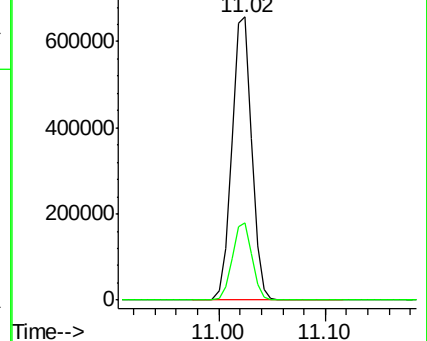
105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.11 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Tgt Ion: 43 Resp: 386484

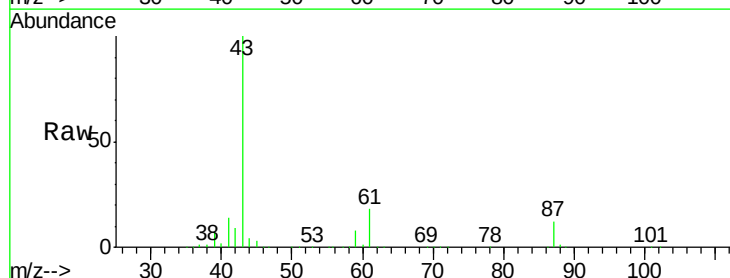
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0#

61 18.4 14.4 21.6

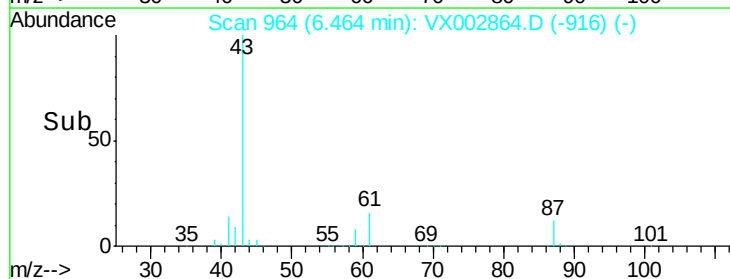
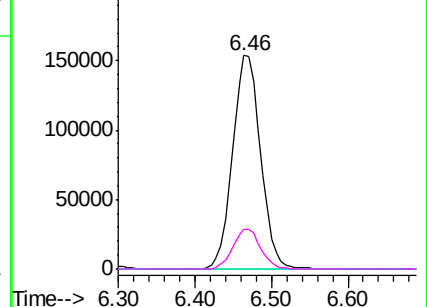


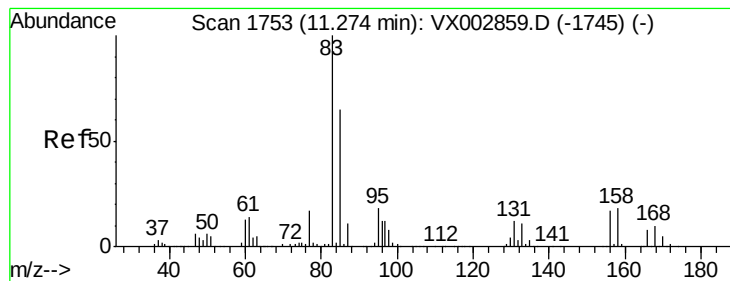
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.75 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

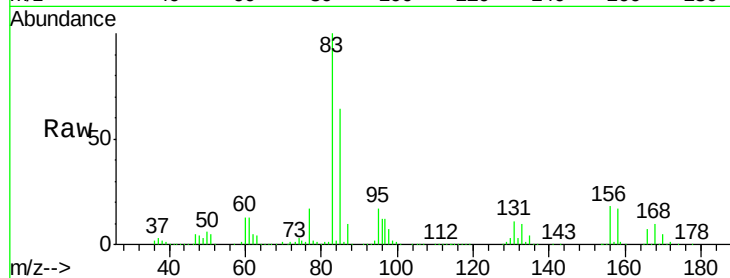
Tot Ion: 83 Resp: 246678

Ion Ratio Lower Upper

83 100

131 11.0 5.6 16.8

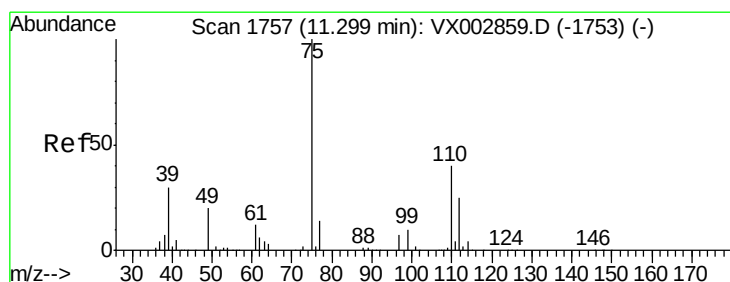
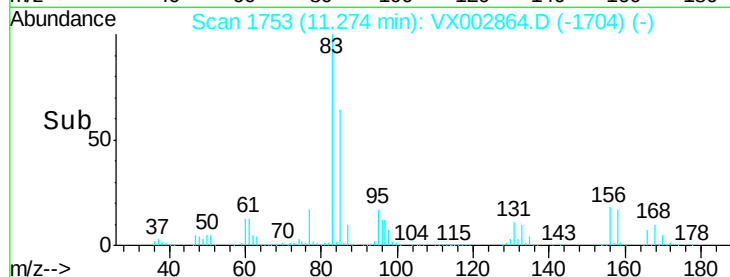
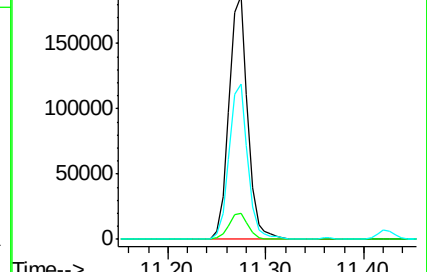
85 63.9 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.91 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002864.D

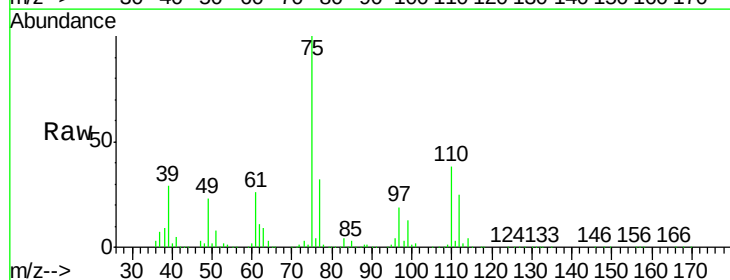
Acq: 25 Jun 2018 17:11

Tgt Ion: 75 Resp: 294790

Ion Ratio Lower Upper

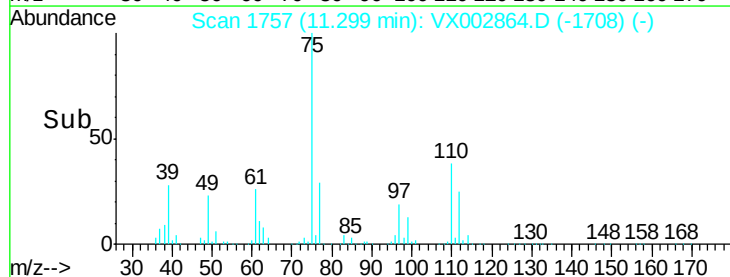
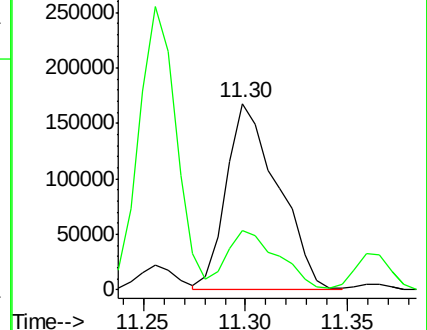
75 100

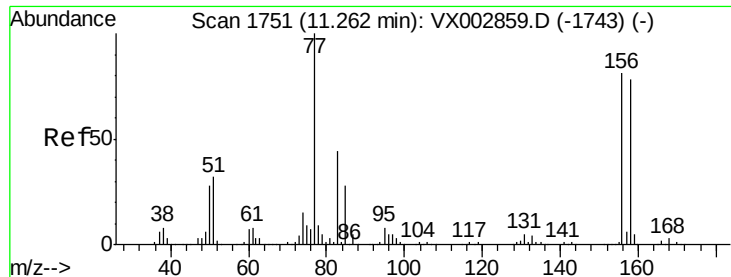
77 31.9 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.47 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

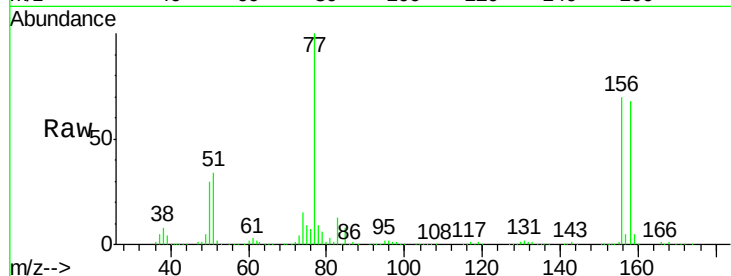
Tot Ion:156 Resp: 236445

Ion Ratio Lower Upper

156 100

77 137.5 71.4 214.2

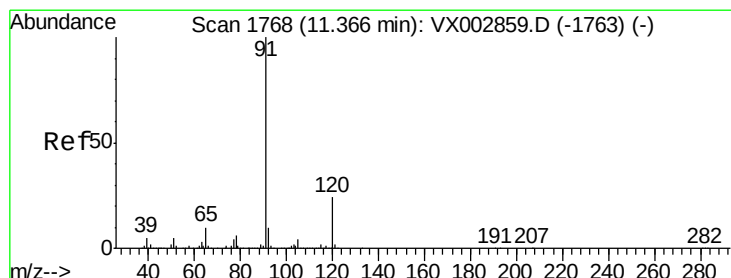
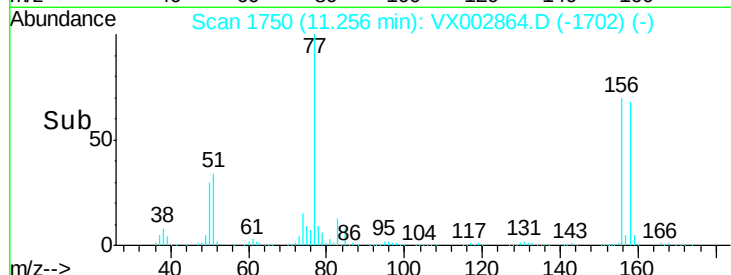
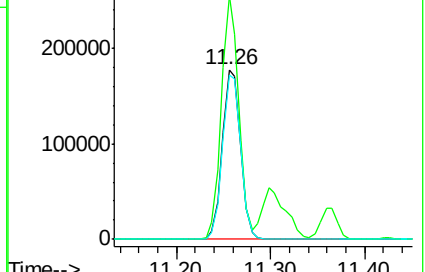
158 97.2 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.92 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002864.D

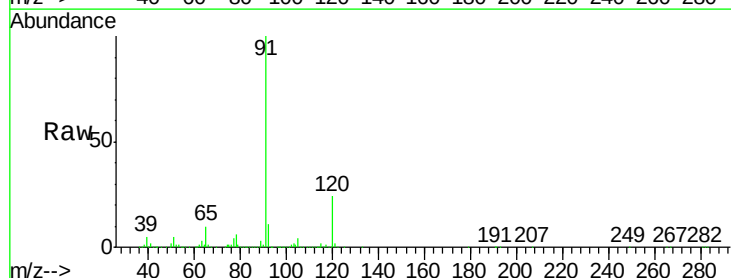
Acq: 25 Jun 2018 17:11

Tgt Ion: 91 Resp: 992813

Ion Ratio Lower Upper

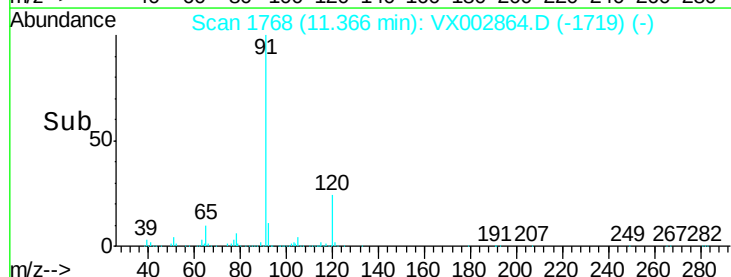
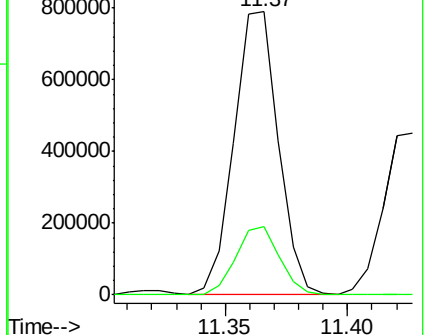
91 100

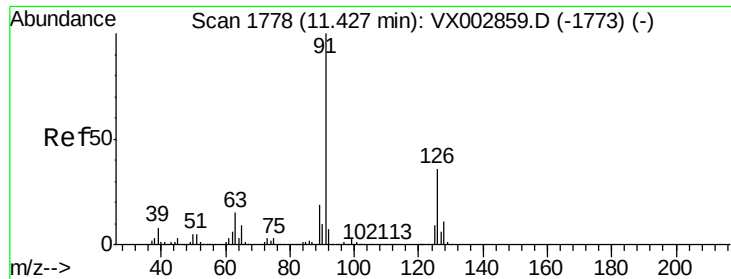
120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.27 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

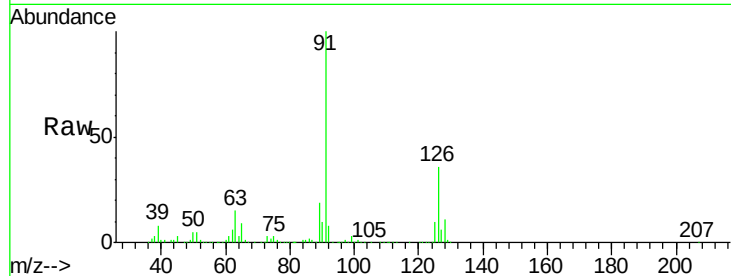
ClientSampled :

Tot Ion: 91 Resp: 581709

Ion Ratio Lower Upper

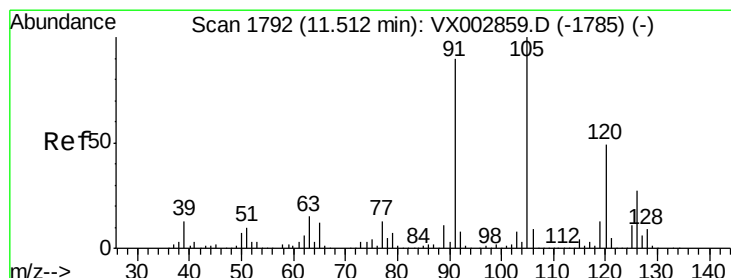
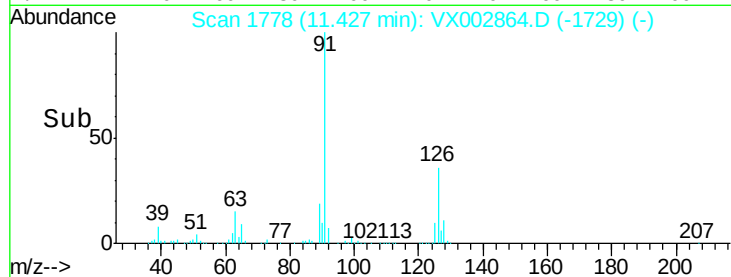
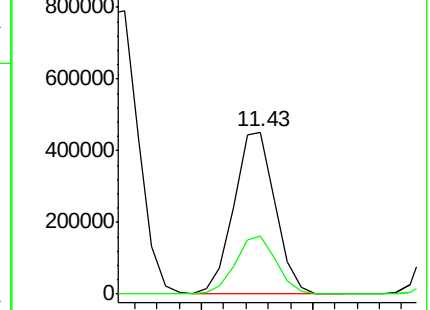
91 100

126 35.4 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.63 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002864.D

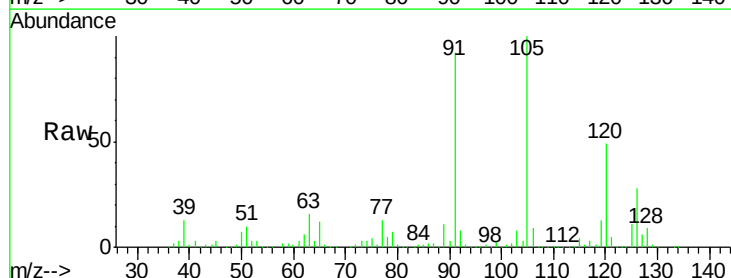
Acq: 25 Jun 2018 17:11

Tgt Ion: 105 Resp: 730450

Ion Ratio Lower Upper

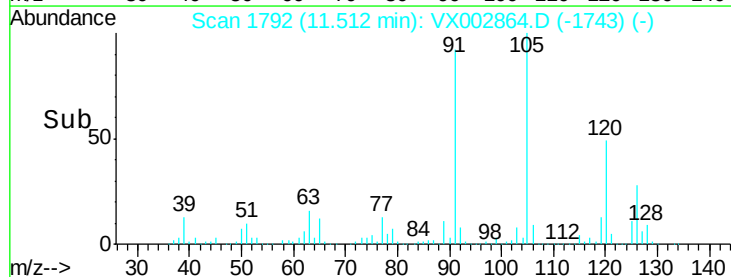
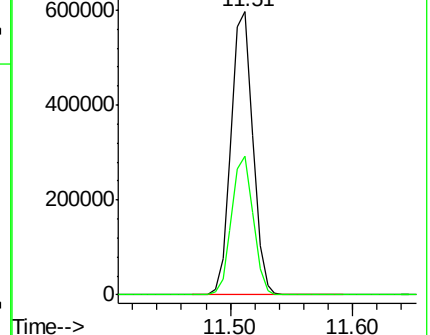
105 100

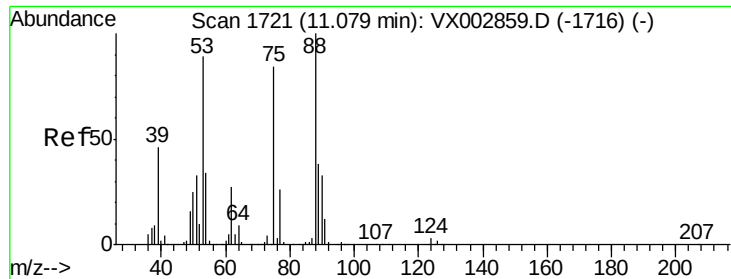
120 48.9 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

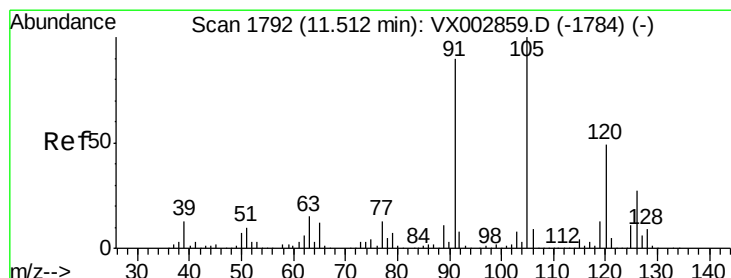
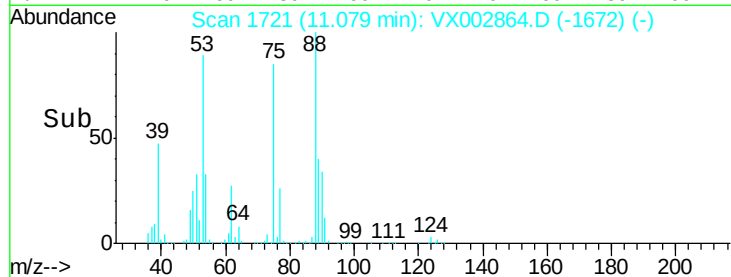
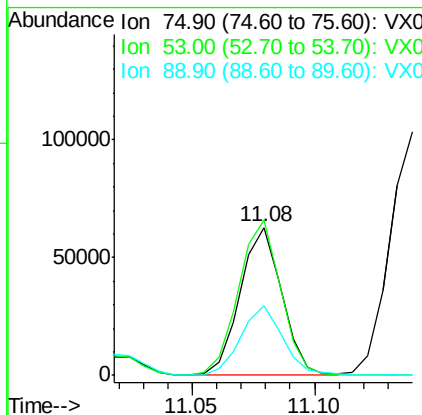
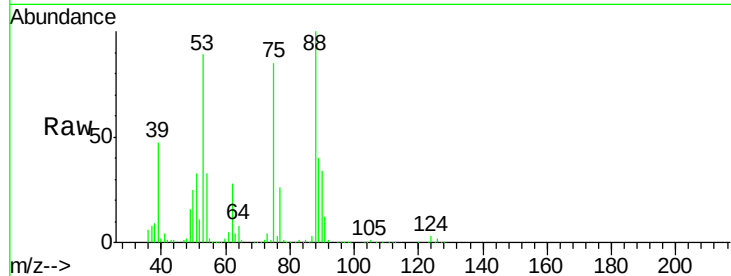




#81
trans-1,4-Dichloro-2-butene
Concen: 47.08 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

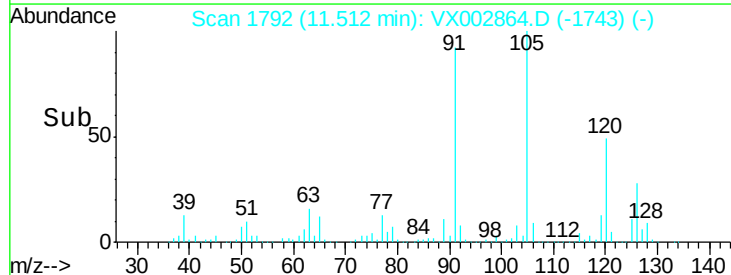
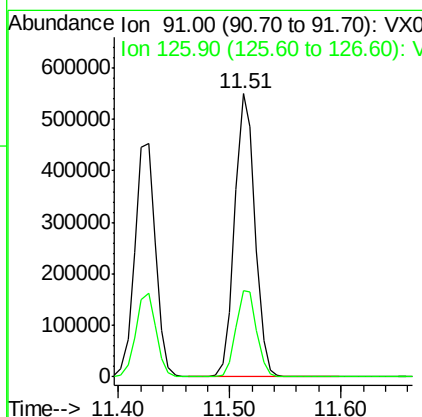
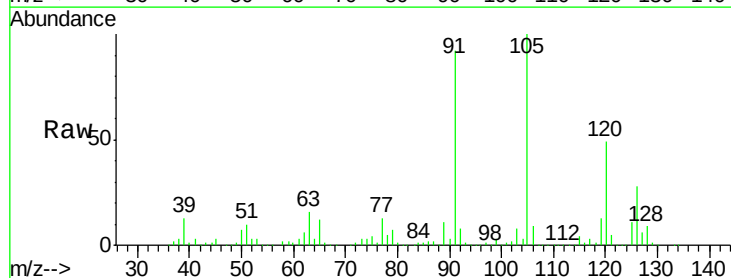
Instrument :
MSVOA_X
ClientSampled :

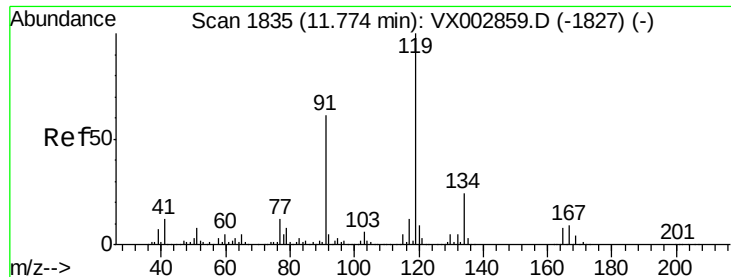
Tot Ion: 75 Resp: 74515
Ion Ratio Lower Upper
75 100
53 106.6 86.8 130.2
89 47.8 38.2 57.2



#82
4-Chlorotoluene
Concen: 49.48 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion: 91 Resp: 691506
Ion Ratio Lower Upper
91 100
126 31.2 15.4 46.4

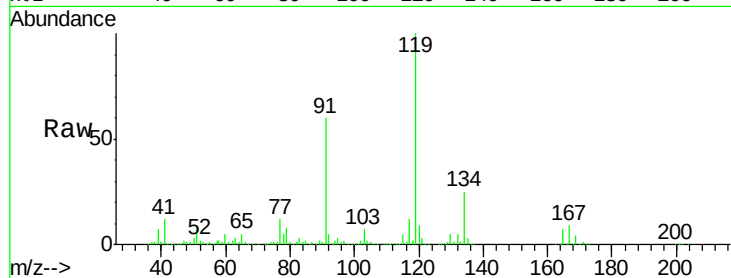




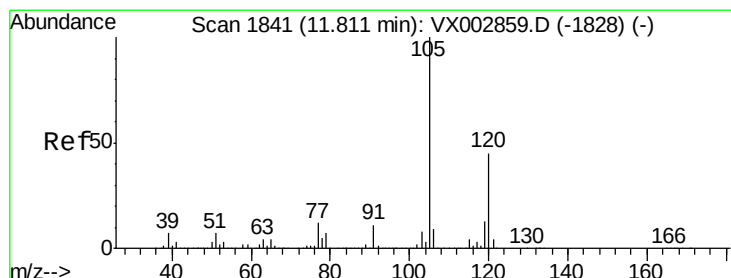
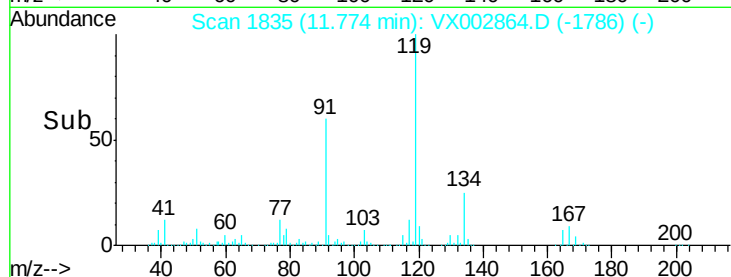
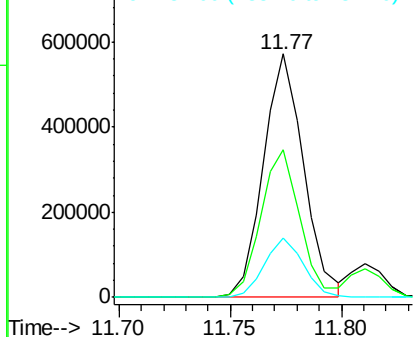
#83
 tert-Butylbenzene
 Concen: 50.45 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:119 Resp: 717423
 Ion Ratio Lower Upper
 119 100
 91 58.1 30.3 90.9
 134 23.7 11.7 35.1

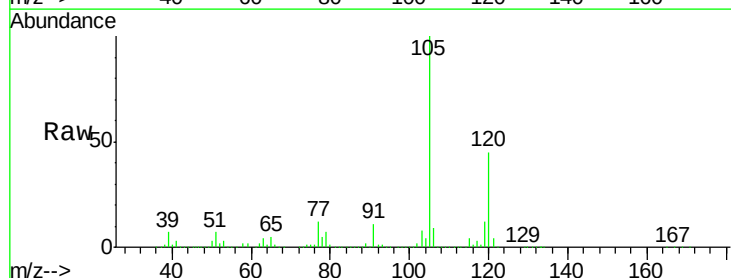


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

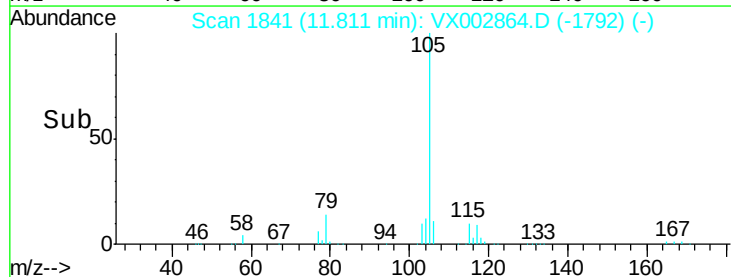
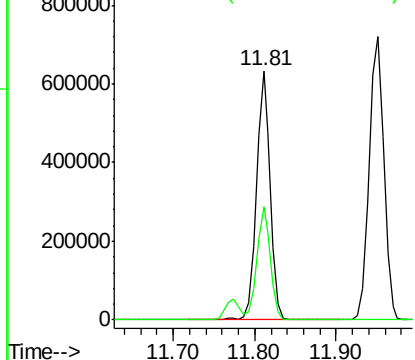


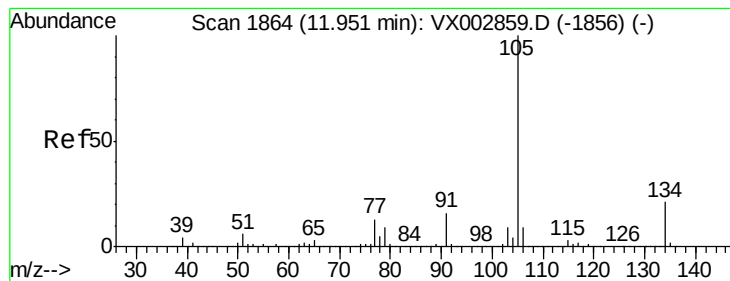
#84
 1,2,4-Trimethylbenzene
 Concen: 50.46 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

Tgt Ion:105 Resp: 754272
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.98 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

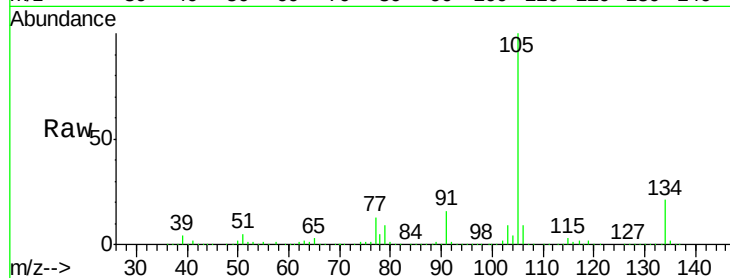
ClientSampleId :

Tot Ion:105 Resp: 879325

Ion Ratio Lower Upper

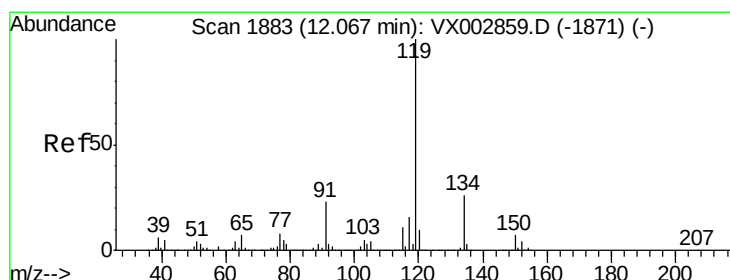
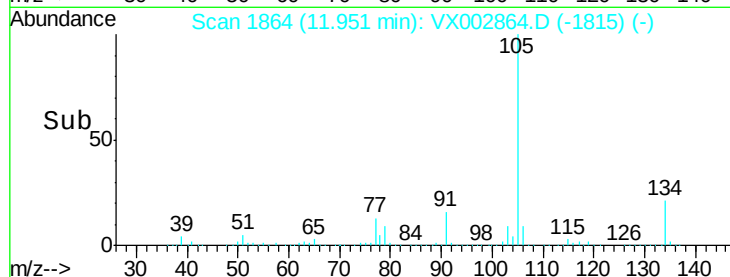
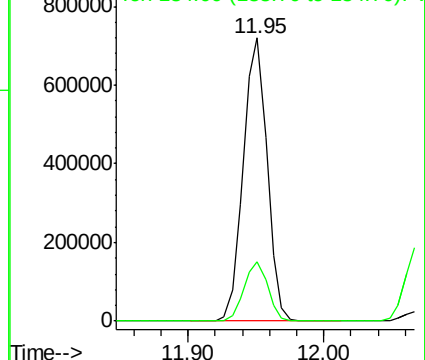
105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.54 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

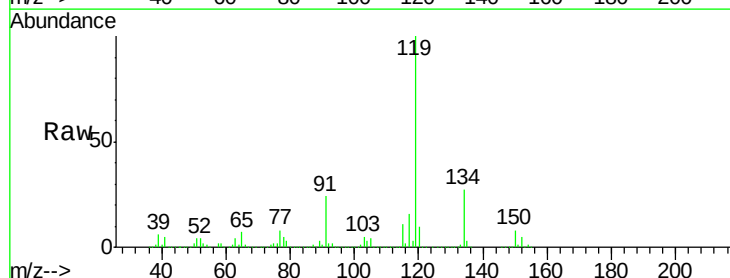
Tgt Ion:119 Resp: 814796

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

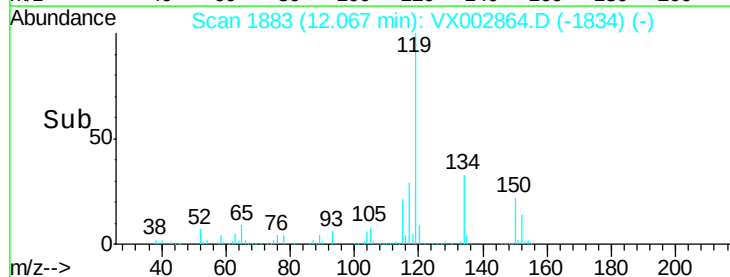
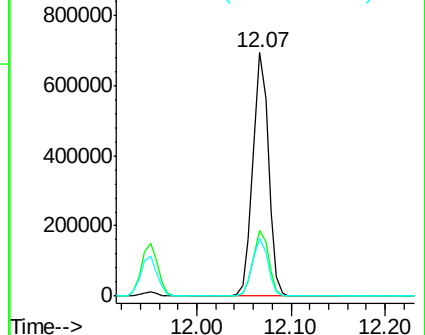
91 23.5 11.9 35.7

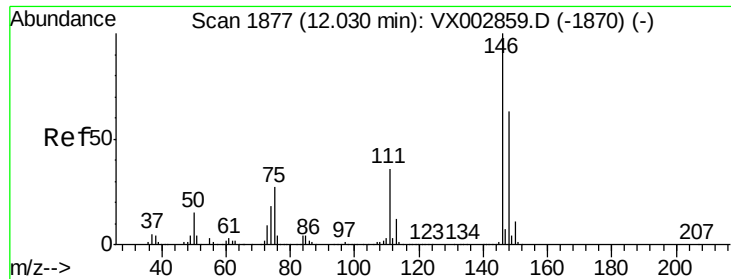


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

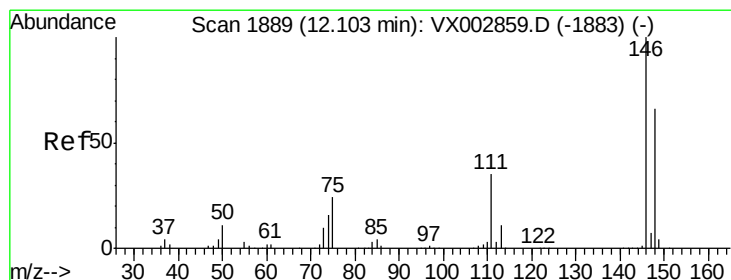
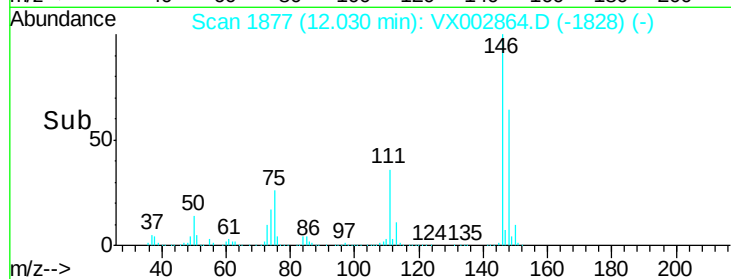
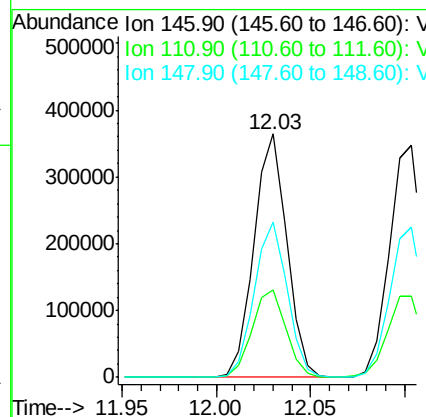
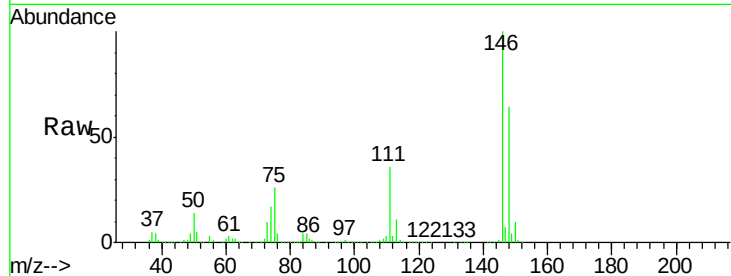




#87
 1,3-Dichlorobenzene
 Concen: 49.59 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

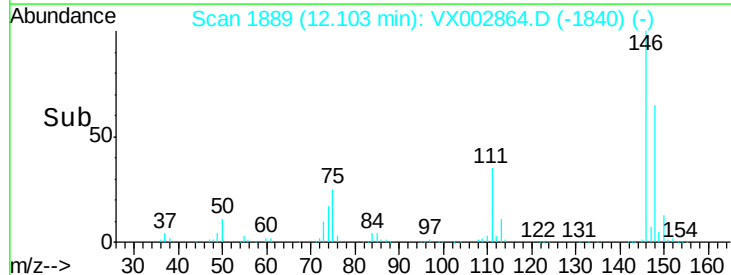
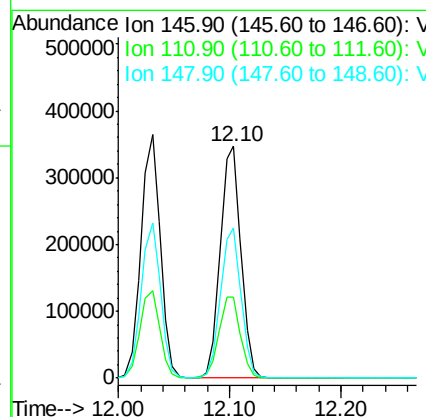
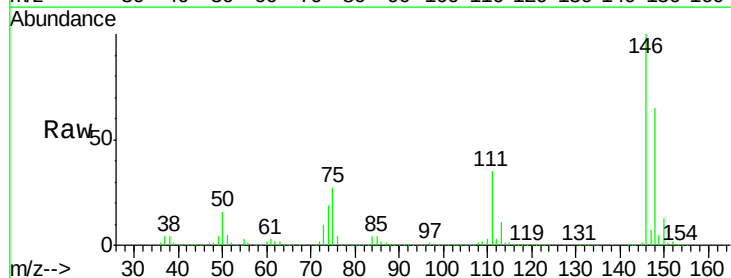
Instrument :
 MSVOA_X
 ClientSampled :

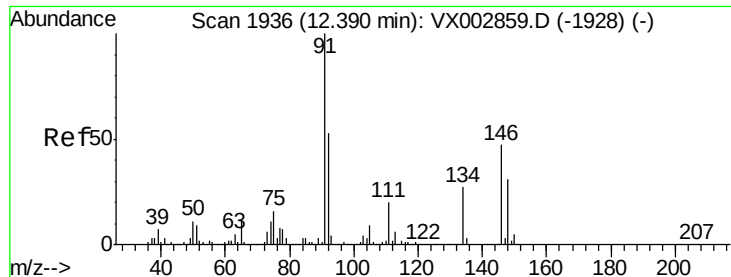
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.9	56.7
148	64.0	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 48.59 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.7	56.1
148	64.4	32.4	97.0





#89

n-Butylbenzene

Concen: 53.26 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002864.D

Acq: 25 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampled :

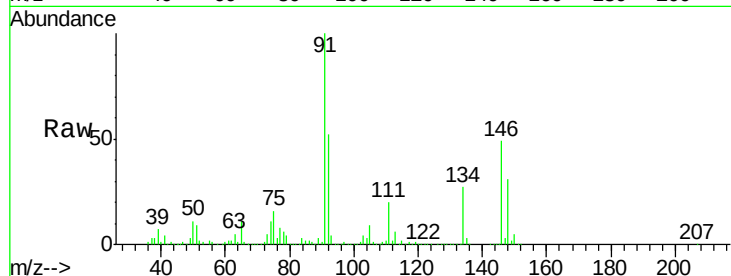
Tot Ion: 91 Resp: 718896

Ion Ratio Lower Upper

91 100

92 52.3 26.0 78.0

134 27.7 13.5 40.5

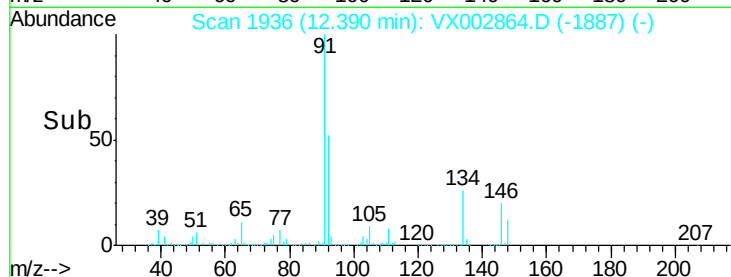


Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1928) (-)

Ion 92.00 (91.70 to 92.70): VX002859.D (-1928) (-)

Ion 134.00 (133.70 to 134.70): VX002859.D (-1928) (-)

Time-->

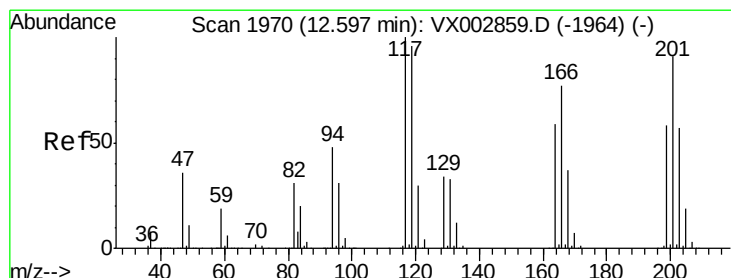


Abundance Ion 91.00 (90.70 to 91.70): VX002864.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX002864.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX002864.D (-1887) (-)

Time-->



#90

Hexachloroethane

Concen: 52.58 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX002864.D

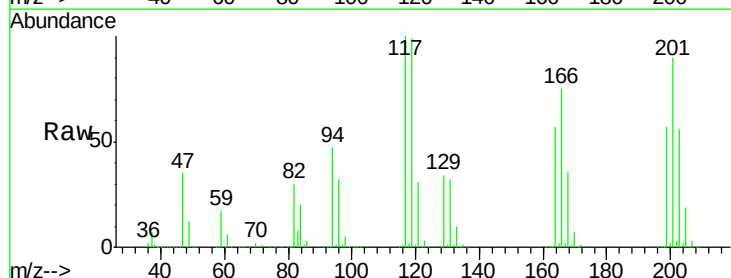
Acq: 25 Jun 2018 17:11

Tgt Ion: 117 Resp: 121287

Ion Ratio Lower Upper

117 100

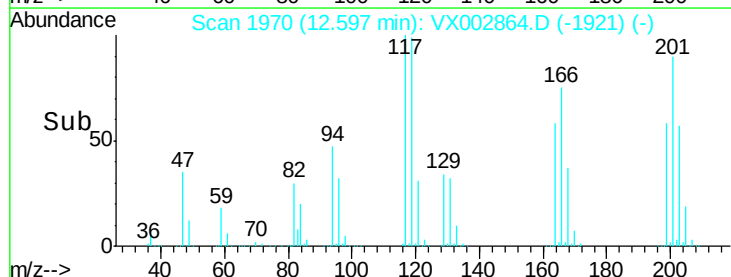
201 98.7 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): VX002859.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX002859.D (-1964) (-)

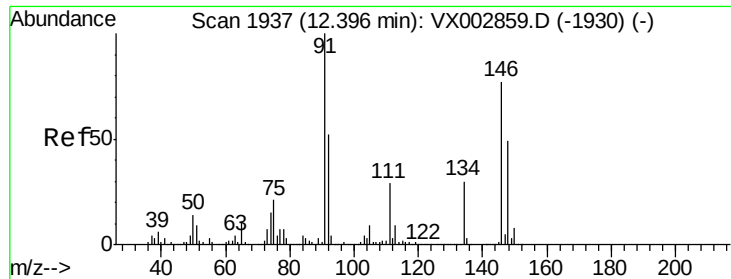
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX002864.D (-1921) (-)

Ion 200.70 (200.40 to 201.40): VX002864.D (-1921) (-)

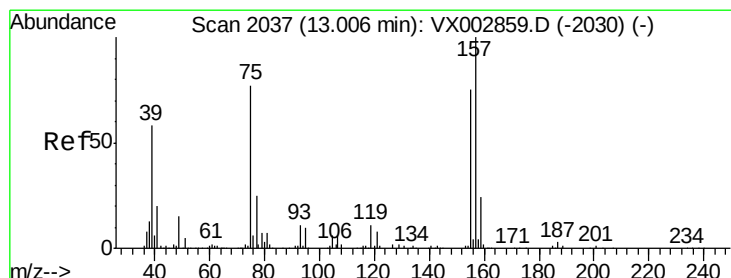
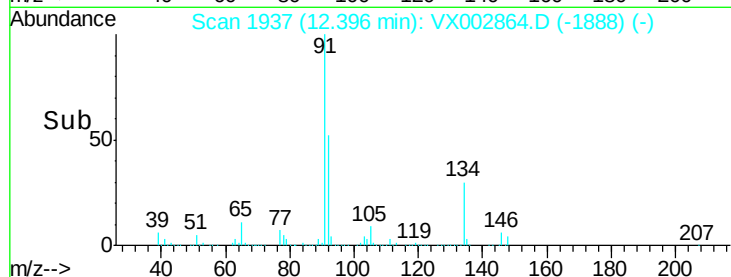
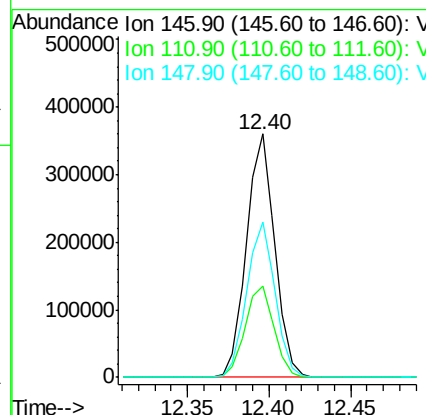
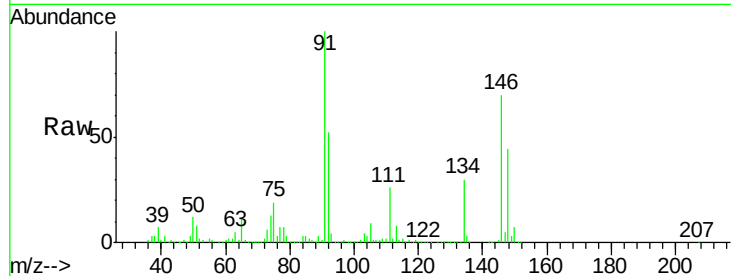
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 48.53 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

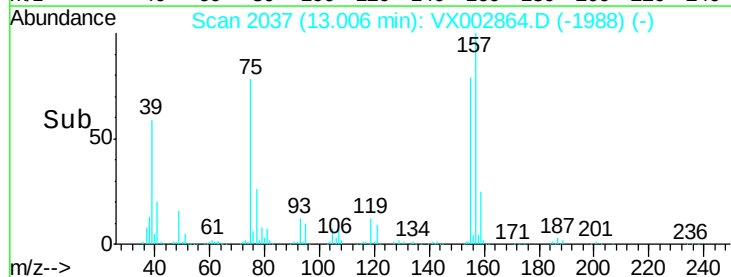
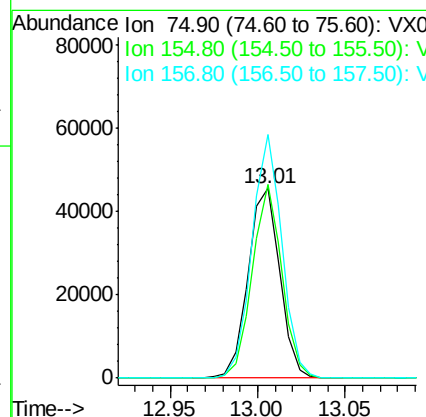
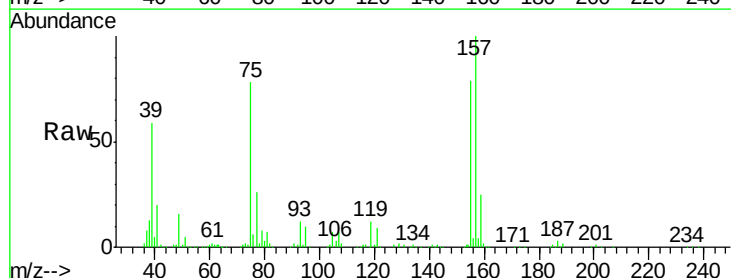
Instrument :
 MSVOA_X
 ClientSampled :

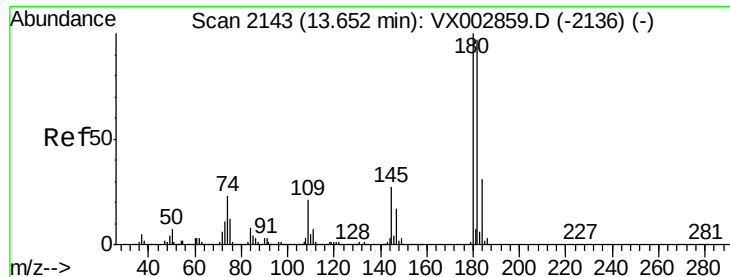
Tot Ion:146 Resp: 436465
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.4 58.1
 148 63.8 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.24 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

Tgt Ion: 75 Resp: 57222
 Ion Ratio Lower Upper
 75 100
 155 95.2 45.8 137.4
 157 121.7 60.1 180.3

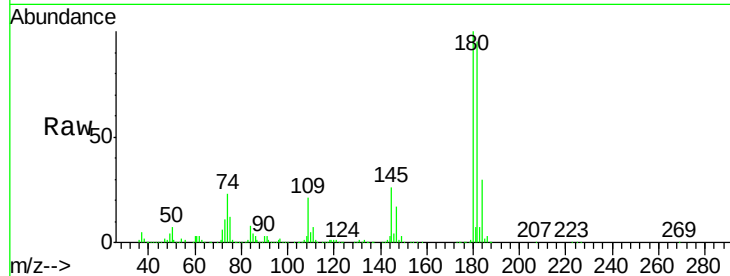




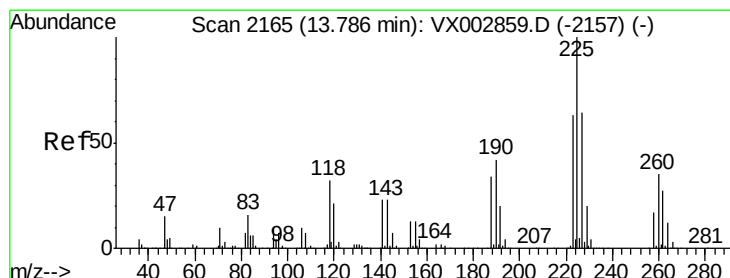
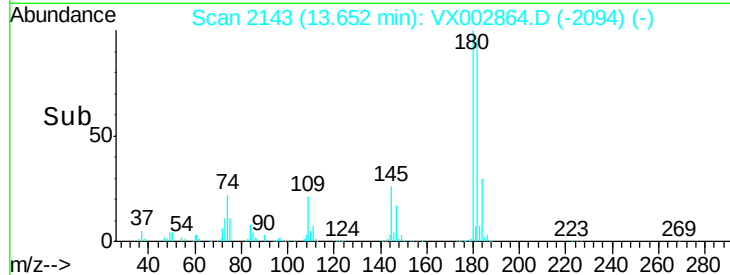
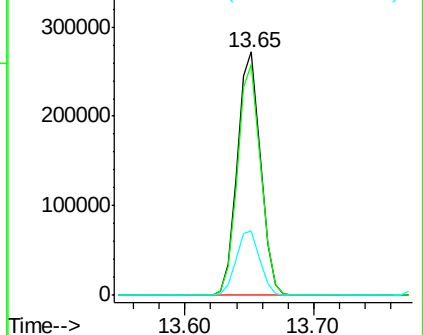
#93
 1,2,4-Trichlorobenzene
 Concen: 52.07 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 340791
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.7 143.1
 145 27.2 14.1 42.4

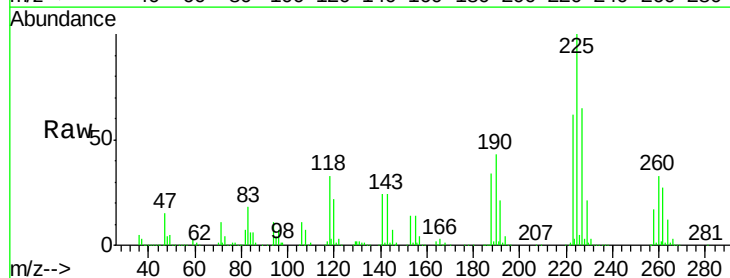


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

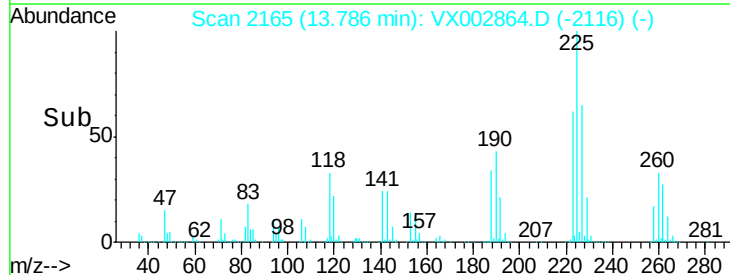
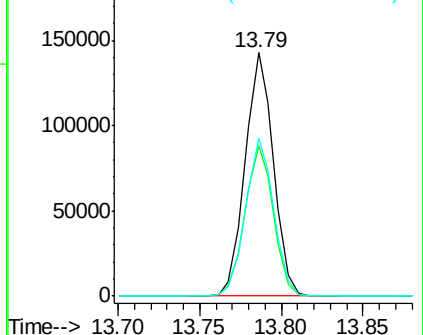


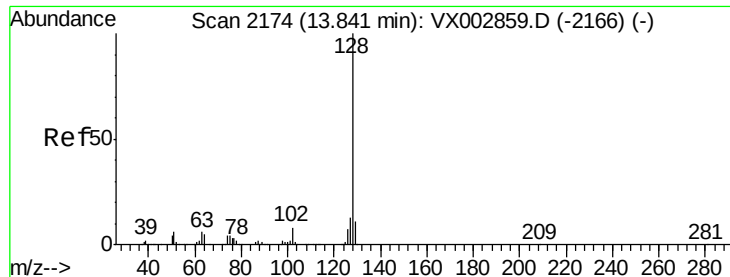
#94
 Hexachlorobutadiene
 Concen: 52.89 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002864.D
 Acq: 25 Jun 2018 17:11

Tgt Ion:225 Resp: 172648
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.6 95.0
 227 64.5 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

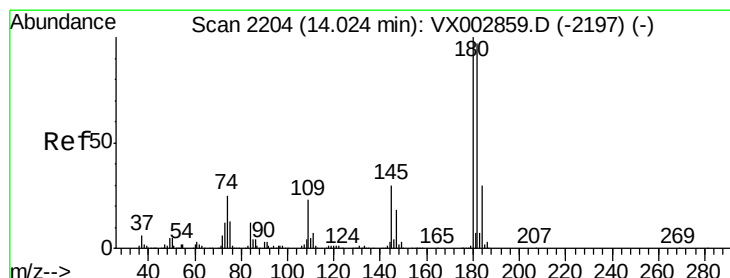
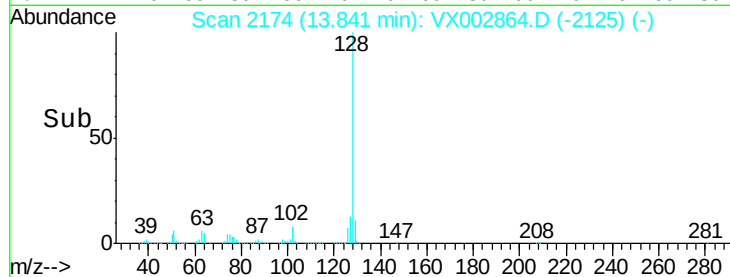
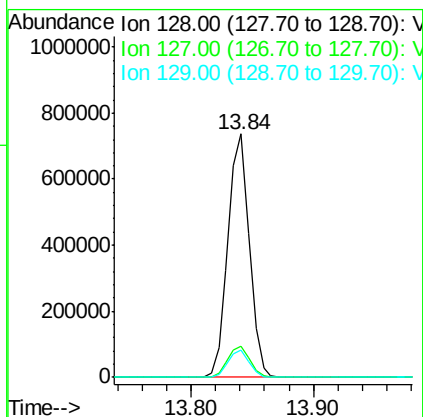
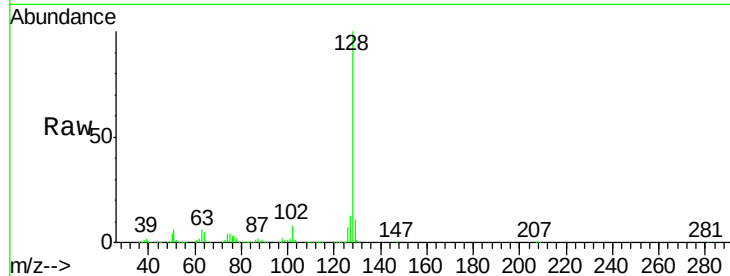




#95
Naphthalene
Concen: 50.82 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 885819
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.42 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002864.D
Acq: 25 Jun 2018 17:11

Tgt Ion:180 Resp: 336167
Ion Ratio Lower Upper
180 100
182 95.8 48.0 144.0
145 29.1 14.8 44.3

